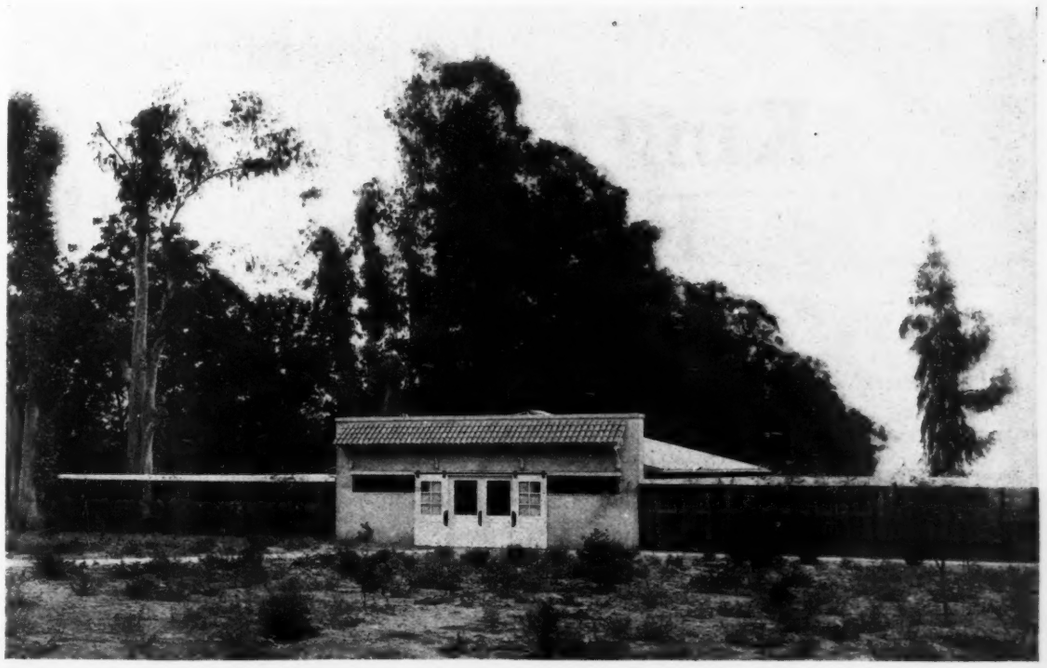
HOLSTEIN-FRIESIAN WORLD

WESTERN EDITION WATERLOO, IOWA SEPTEMBER 16, 1916



THE TEST BARN AT SANTA ANITA RANCHO.

No Doubt a 30-lb. Daughter of

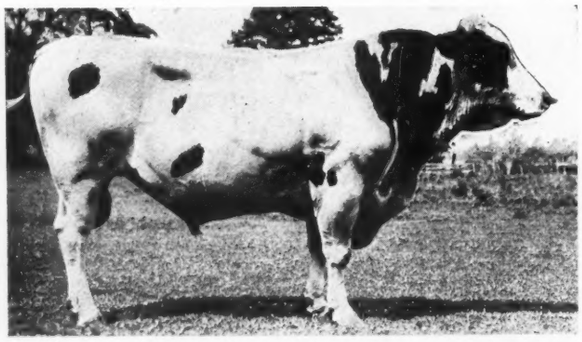
King of the Pontiacs

would look good for the dam of your next herd sire. We have a young sire nine months old from one of the best daughters of **"King of the Pontiacs."** He is a splendid individual, largely white in color, and his sire is **Czar Walker,** a line bred Walker bull who has eight 30-lb. cows in his pedigree.

Write us for chart, photo and price on this one.

BONALEVO FARMS

R. E. CHAPIN & SON, Box 302, Batavia, New York



This is

KING PONTIAC KONINGEN 75348

The bull we have been telling you about in these columns for the past year and without doubt you know that he is a son of **King of the Pontiacs** and that his dam has 37.44 lbs. of butter in seven days and 154 lbs. in 30 days and he has a 40-lb. full sister.

But to you, who are thinking of breeding your best cow to a good bull, here are a few cold facts that are worth your while to read:

That King Pontiac Koningen can transmit to his offspring more 40-lb. blood than any bull living, with one exception, and that one bull is his half brother, Spring Farm King.

That Koningen, as he is called at Inwood, can transmit more than double the amount of 40-lb. blood to his offspring than can any son of a 40-lb. cow.

That in the first four generations of Koningen's pedigree are the sires and dams of 39 cows with records over 30 lbs. and two over 40 lbs.

That you have an opportunity to breed your best cow to him at a price that you can afford to pay. Why pay more for something not as good and why pay less for something you do not want?

Send for pedigree and terms.

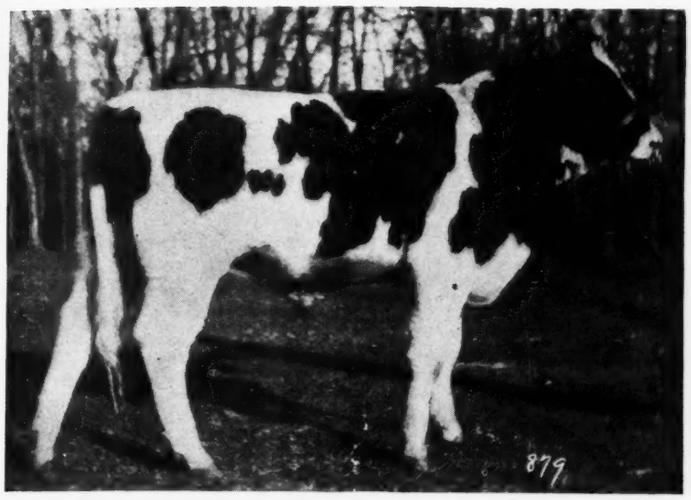
ED KUNTZMAN **INWOOD HERD** **Homeworth, Ohio**

NOTE—Watch for our announcement for cash prizes offered for the development of King Pontiac Koningen's daughters.

World's Champion Bull

We have recently purchased from John B. Irwin a half interest in

SIR ORMSBY BANOSTINE CHAMPION 166276



Son of the world's record cow for all ages and breeds, **Duchess Skylark Ormsby 124514,** 1,506.36 lbs. butter and 27,761.07 lbs. milk in one year. He will be bred to daughters of **Colantha Johanna Champion 45674,** son of Colantha 4th's Johanna, 1,247.82 lbs. of butter in one year, from our big yearly record cows.

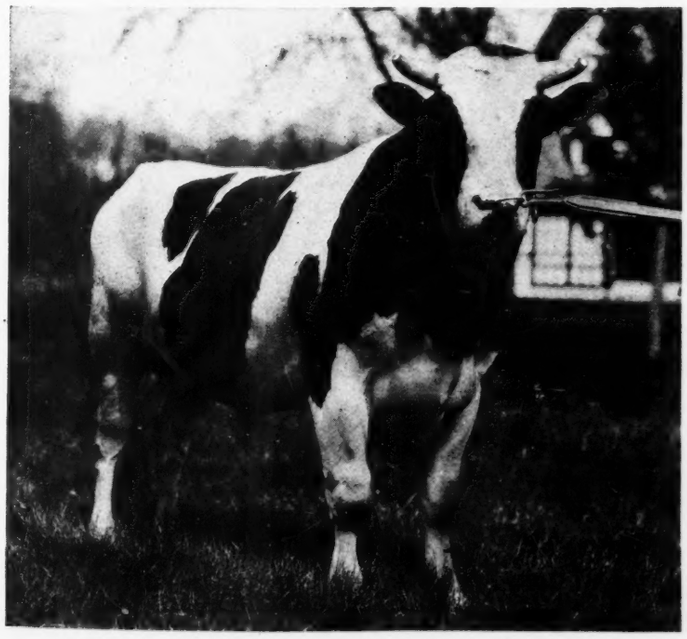
This is the place to find bull calves with large yearly record backing.

Send for Our New Bull Catalog

Emblagaard Dairy Marquette Nat'l Bldg. **Marquette, Mich.**

Minnesota Holsteins

Eventually. Why Not NOW?



King Korndyke Colantha Ormsby 96546

They Have Type and Constitution with Production

Free from tuberculosis.

These two sires would be pleased to greet you now and show you one hundred and fifty of their close relations at

WOODLAKE AND CLOVER FARMS

KING KORNDYKE COLANTHA ORMSBY has World's Record production **close up** in every line of his pedigree.

World's Records in **Milk and Butter-fat** production and from **7-day** to **365-day periods.**

Best of all his offspring are the handsomest bulls and heifers you can imagine. Practically all have his **color, type and constitution** with dairy **quality.**

Get one of his young sons **now** and share his increase in value when the daughters are developed and tested.

Breed a few cows to **SIR ORMSBY BANOSTINE CHAMPION.**

Richest bred bull of the breed in **long distance records.**

Then when you breed their daughters to your son of **King Korndyke Colantha Ormsby** you will have pedigrees that can show 90 per cent of all the World's Record cows of the breed.

The opportunity is open.

Will you be with us?

We will be with you.

JOHN B. IRWIN

Station F **Minneapolis, Minn.**

Get Yearly Record Backing

Build for the future and the best interests of the breed.

We can offer you more high yearly record backing than any other firm in the world.

OUR HERD SIRES ARE SONS OF

RIVERSIDE SADIE DE KOL BURKE, world's champion milk producer for 7 and 30 days, 6 months and 2 years.

ARALIA DE KOL, the first cow to produce 28,000 lbs. milk in a year, and the World's Champion 12-year-old.

TILLY ALCARTRA, the most wonderful milk machine in the world. The World's Champion milk producer over all ages for one year and three years. The two nearest dams of this young bull hold every world's milk record from 7 days to 3 years.

We bred every one of these three sires.

We can offer a large number of young bulls sired by them, from dams with extraordinary year's records.

AT OUR PRICES you could well afford to ship one of these youngsters even across the continent. We guarantee satisfaction. Write us your wants.

A. W. MORRIS & SONS CORPORATION, Woodland, Cal.

MOYERDALE

Some Day You Will Be Reading About the

50-Lb. COW

She will be sired by a great bred Holstein Bull whose pedigree is made up wholly of great sires and large record producing dams. The Holstein breed of cattle occupy the same position today that the trotting horse did when we had the 2:10 performers, but improved breeding has made the two minute trotter, and you may look for exactly the same results from Holsteins. We will surely have the 50-lb. cow some day, and we will look for these results from a sire bred along the lines of this youngster which I will tell you about:

He was born May 11, 1916.
His sire is King Joh 143460.
His dam is the first 30-lb. daughter of King Lyons 71155.
He has six cows in his pedigree with records from 33 to 40 lbs. each; average, 35.76 lbs. each.
He has eleven cows in his pedigree with records from 30 to 40 lbs. each; average, 33.43 lbs. each.
He has 30 officially tested cows in his pedigree with records from 25 to 40 lbs. each; average, 30.07 lbs. each.
His 24 nearest dams, without skipping a single dam in his pedigree, have records that average 30.13 lbs. each.
The sires in his pedigree have sired 123 cows with records from 30 to 40 lbs. each, and in this number we have four 40-lb. cows.

Will the readers of your paper tell me what breeder has a young bull that will equal the above averages?

He is beautifully marked, a grand individual, and I think he realizes his greatness, as I have never owned a bull at Moyerdale with the extreme intelligence that this calf possesses.

He traces three times to the great King Segis through two of his best bred sons and one of his greatest bred daughters, and he shows the strong characteristics of King Segis very plainly.

If you are interested in this youngster just send in for his 7 generation pedigree which beats anything you ever saw for a combination of great Holsteins.

H. A. MOYER, Syracuse, N. Y. **JAMES GILLETT, Superintendent**

Holstein-Friesian World

VOL. XIII WATERLOO, IOWA, SEPTEMBER 16, 1916 NO. 38

Santa Anita Rancho's Herd

By W. H. TAYLOR

SANTA Anita Rancho, which includes the Anoakia Breeding Farm, is located in Los Angeles county, California, five miles east of Pasadena—the winter home of the American millionaire—14 miles from Los Angeles, at the foot of the Sierra Madre Mountains in the San Gabriel valley. It occupies 3,500 acres of land whose attractions, both natural and artificial, it would be difficult to exaggerate. There is not another spot on the globe more suitable or naturally adapted to the raising and developing of live stock than that section of California known as the San Gabriel valley. Here it is that all the laws of nature are in harmony with human endeavor, and the soil yields forth almost gratuitous service to every application of man's intellect.

Since 1873 Santa Anita Rancho has enjoyed world-wide fame as the home of thoroughbred horses, but with the passing of the famous winners of the turf, a new fame has come to it through the breeding and developing of Holstein-Friesian cattle. The extent of the operations along this particular line, and the magnitude of the ranch, can be appreciated only in part by observing the few photographic cuts herewith presented. The equipment being of the latest design and convenience, leaves nothing to be desired; no expense has been spared; no detail left unattended. Extreme practicality marks every move at this record-making and record-breaking establishment. The ownership now rests in the name of Mrs. Anita M. Baldwin, younger daughter of the founder, whose progressive ideas, coupled with the individual excellence of the herd assembled, place it in the front rank of all the larger Holstein breeding establishments on the Pacific slope, where quality, high minded purpose and attention to details make for progress.

At the present time the herd numbers approximately 200 head. When the full quota, now in contemplation, is reached, over 500 head will be adding fame to an already famous herd.

As a foundation for the breeding operations the management of Santa Anita Rancho has brought together some of the most superbly bred animals in existence. Females with large A. R. O. records, representing the blood of such famous sires as King of the Pontiacs, De Kol Hengerveld Burke, King Segis Pontiac Emperor, Korndyke Queen De Kol's Prince, and many other sires of national repute, have been secured at a great expense to mate with the premier sire, Prince Gelsche Walker 81663.

Senior Herd Sire.

As a herd sire, possessed of all the necessary requirements, namely: proven prepotency, type, individuality, size, vigor, and, above all, inherited transmitting ability in every line of his pedigree, Prince Gelsche Walker represents the ideal. He embodies that combination of breeding, individuality, and the production of his daughters which stamps him as one of the greatest young sires of the breed. The purchase of Prince Gelsche Walker together with 22 of his record daughters from A. W. Morris & Sons Corporation, at the record price of $45,000, is without question the most important single deal in registered animals ever consummated on the Pacific coast. It has been termed the largest individual sale ever made by an individual breeder of Holstein cattle in America. The addition of this group of Holsteins gave the Santa Anita Rancho the largest herd of yearly record cows, and daughters of yearly record cows, to be found in any single herd, with a single exception, in the entire west; and also gave the herd a very large number of cows and heifers with seven-day records up to over 34 pounds of butter.

The 13 A. R. O. daughters of Prince Gelsche Walker are as follows:

	Milk	Butter	Time
Lady Hiske Walker, 3 yrs. 4 mos.	579.9	25.61	7 da.
	2,496.5	98.96	30 da.
Miss Valley Mead De Kol Walker, 2 yrs. 6 mos.	538	25.68	7 da.
	2,304.6	100	30 da.
Nutula Queen Alcartra 3d, 2 yrs. 7 mos.	424.1	24.46	7 da.
	2,032.3	95.32	30 da.
Inka Tritoma Alcartra, 2 yrs. 6 mos.		21	7 da.
Leda Hartog Walker, 3 yrs. 2 mos.	422.9	20	7 da.
Floa Princess Walker, 3 yrs. 2 mos.		21	7 da.
Ignaro Creamcup Walker, 2 yrs. 5 mos.	366.8	17.44	7 da.
Lady Diotime Walker, 2 yrs. 1 mo.	369.4	17.31	7 da.
	15,132.4	652.49	1 yr.
Sadie Walker Burke, 3 yrs. 1 mo.	443.1	16.94	7 da.
Miss Luit Walker Burke, 2 yrs. 3 mos.	351.4	16.83	7 da.
Nutula Queen Walker, 3 yrs. 1 mo.	378.5	16.78	7 da.
Aaggie Netherland Walker, 2 yrs. 5 mos.	291.8	15.23	7 da.
Miss Blaney Walker, 3 yrs. 1 mo.	389.9	19.05	7 da.
	1,860.5	77.43	30 da.

A pasture scene at Santa Anita Rancho.

Prince Gelsche Walker's dam, together with her dam and granddam, is the only instance in the world of three direct generations of 30-pound cows each with 30-day records in excess of 125 pounds of butter, and the only instance in which two 30-pound cows appear in the third generation.

His dam, both granddams and two of his great granddams are all 30-pound cows, averaging 31.65 pounds butter in seven days. Eight of his 15 nearest dams, and 12 of his 15 nearest sires, have produced one or more 30-pound daughters.

The dam of Prince Gelsche Walker and the dam of the King of the Black and Whites are from the same cow and are sired by half brothers. They are the only two 30-pound sisters with a 30-pound dam, and 30-pound dam's dam.

Prince Gelsche Walker was sired by Beauty Pietertje Prince 56435, who is out of a 32-pound cow.

Prince Gelsche Walker is an 87½ per cent brother to Beauty Walker Pietertje Prince, several of whose first daughters have produced 20 to 27 pounds as two-year-olds.

Gelsche Walker, the dam of Prince Gelsche Walker, was sold for $5,000 to a leading New York breeder. She already has four daughters, the first one tested making over 19 pounds as a yearling. They are in good hands and bid fair to add still further fame to the noted Walker family.

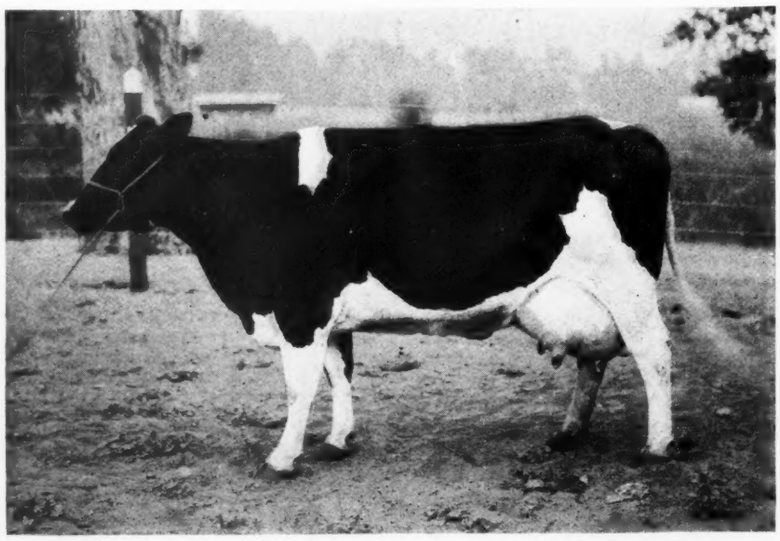
The daughters of Prince Gelsche Walker have already shown unusual production, one holding the highest record ever made in the state of California by a heifer with first calf; one holds the state record as a junior three-year-old, and another has recently broken the state record in the senior two-year-old division for both butter and milk in seven and 30 days. Her seven and 30-day record is also greater than **the California state** record three-year-old.

Considering the almost unparalleled breeding of this famous sire; the wonderful showing that is being made in the east by his closest relatives; the reputation he has already made through his daughters, along with the still greater advantages he will enjoy in his present environment; the extraordinary fact that 80 per cent of his get, and his son's get, have been heifers, it would seem there is no room for doubt as to his future greatness.

Alba Sadie Cornucopia Creetia, California's State Record Cow.

This splendid cow enjoys the distinction of commanding the highest price ever paid for a Holstein cow in California. She entered the herd in May, 1915, having a record at that time of 28.85 pounds of butter, 612.3 pounds milk, in seven days. She later increased her seven-day record to 34.13 pounds butter, thus establishing the state record for seven days' butter production. California is noted for having more great milk producing cows than any other state in the union. Every milk record from seven days to four years consecutive production has been made by a California cow. Alba Sadie Cornucopia Creetia surpassed all these wonderful milk producing animals in butter production, and was the first cow in the state to produce over 34 pounds of butter in seven days.

Her dam, Creetia H. 2d's Spot 2d, produced 19 pounds as a two-year-old. Alba Sadie Cornucopia Creetia was sired by Sir Sadie Cornucopia, three or more of whose 35 A. R. O. daughters have produced over 30 pounds of butter in seven days; he is out of Sadie Vale Cornucopia, who was the first cow of the breed to produce 34.64 pounds of butter in seven days, or 123.67 pounds in 30 days; she is the dam of Sadie Vale Concordia 4th, who made 40.06 pounds of butter in seven days, and 163.11 pounds in 30 days, being the fifth highest record cow in the world; she, in turn, is the dam of Sadie Vale Concordia 4th Pietje, 38.44 pounds in seven days, the two holding the world's record for mother and daughter for seven and 30 days. The sire of Sir Sadie Cornucopia is Aaggie Cornucopia Johanna Lad, who has 102 A. R. O. daughters and 62 proven sons; his daughters include more cows who have produced above 500 and 600 pounds of milk, seven days, than the daughters of any other known sire. He is out of Aaggie Cornucopia Pauline, the first cow in the world to produce 34 pounds of butter in seven days.



Diotime Clyde Korndyke, a Santa Anita cow whose record is 31.91 lbs. in seven days.

Daughters of Korndyke Queen De Kol's Prince 36025.

Korndyke Queen De Kol's Prince has sired some wonderful producers. He has 85 A. R. O. daughters—four with records of 30.82 pounds to 35.22 pounds butter in seven days; seven averaged over 30 pounds, and 27 others from 20 to 28 pounds. He has 14 A. R. sons, including Lorena Korndyke, a show bull of unusual type who was the first prize bull at the California State Fair for four consecutive years.

Korndyke Queen De Kol's Prince's dam, Korndyke Queen De Kol, who has a record of 24.42 pounds of butter and 501.40 pounds of milk in seven days, has five A. R. O. daughters and four A. R. sons, all of whom are contributing to Holstein history.

The five daughters of Korndyke Queen De Kol's Prince in the Santa Anita Rancho's herd and their records are herein listed below:

	Pounds butter	Pounds milk	Days
Diotime Clyde Korndyke, at 5 yrs.	31.91	641.2	7
Miss Filled Korndyke, 3½ yrs.	23.70		7
Leda Korndyke De Kol, 4 yrs. 10 mos.	23.36	542.8	7
Leda Hengerveld De Kol Korndyke, 3½ yrs.	21.02		7
Cobossie Korndyke De Kol, 2 yrs.	14.16		7

King Segis Pontiac Emperor is one of the best sons of King Segis Pontiac—a show bull of great quality, winning first prize three consecutive years, as well as taking the junior championship and the grand championship, at the California State Fair. His sire is by King Segis, 85 A. R. O. daughters, from Pontiac Clothilde De Kol 2d, therefore a full brother to the sire of the present world's champion four-year-old, Mabel Segis Korndyke. The dam of King Segis Pontiac Emperor, Queen of the Pontiacs, is a full sister to King of the Pontiacs who leads all other bulls in respect to the number of A. R. O. daughters, among them being a 44-lb. cow, and only recently another 40-pound cow.

The daughters of King Segis Pontiac Emperor now in the herd are:

Segis Pontiac Salambo 206570, 3 years of age; 24.27 pounds of butter, 536.3 pounds of milk in seven days. Her dam is Pet Salambo of Riverside, a 33-pound cow of wonderful capacity, having several times produced over 100 pounds of milk in a day.

Lady Pontiac Mead 239450, 17.09 pounds butter, and 461.1 pounds milk in seven days as a junior two-year-old.

Ethel Riverside Pontiac 250941, whose dam, Ethel of Riverside, has a record of 800 pounds of butter in one year, is one of the choicest heifers on the coast.

Margaret Pontiac Terpstra 246686, 16.47 pounds of butter, and 384.9 pounds of milk in seven days, is the fourth daughter of King Segis Pontiac Emperor, whose record as a two-year-old leaves it a matter of interesting speculation as to what she will produce in the future.

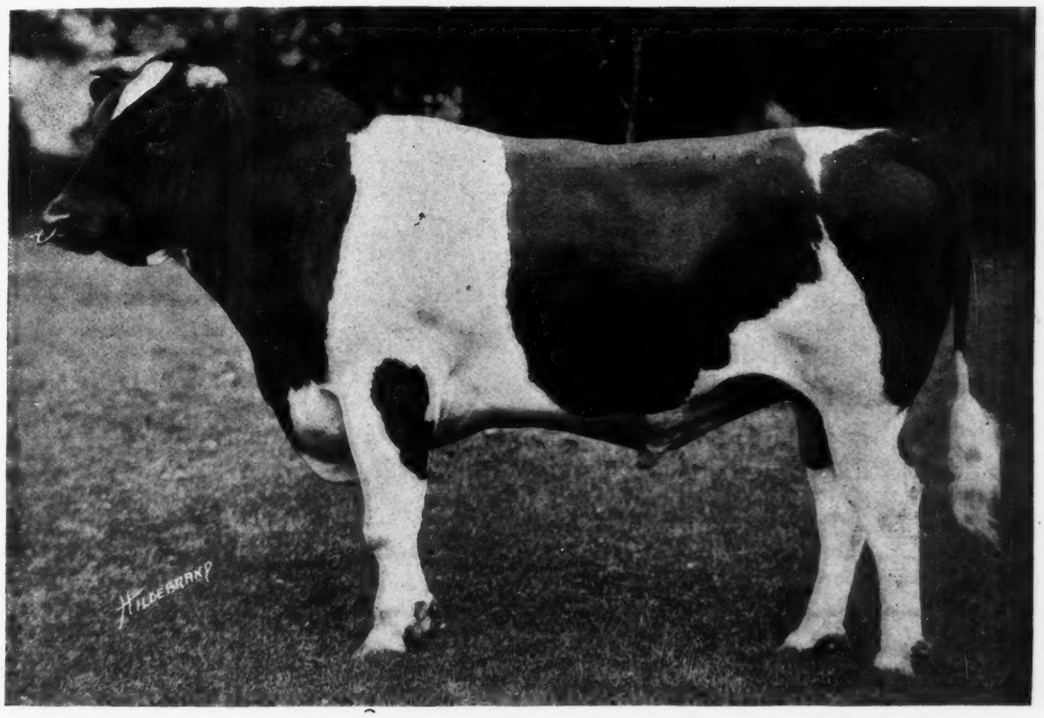
Others

The Only Bull in the World

out of 175,621

There are a lot of good bulls in this world and a lot of good men who own them. Many have achieved great things and to these full credit shall be given. Pontiac Korndyke stands as the only bull in the world to sire THREE 37-LB. DAUGHTERS, and the world has proclaimed him the greatest sire of his time. He has a grandson in whom the blood of this peerless progenitor through his world record daughters is more bountifully blended and closely combined than in any other bull in the world. HE HAS PROVEN THE WORTH OF HIS WONDERFUL INHERITANCE BY BEING THE FIRST AND ONLY BULL OUT OF THE 175,621 REGISTERED

who has sired a 30-lb. Junior 2-year-old



Rag Apple Korndyke 8th

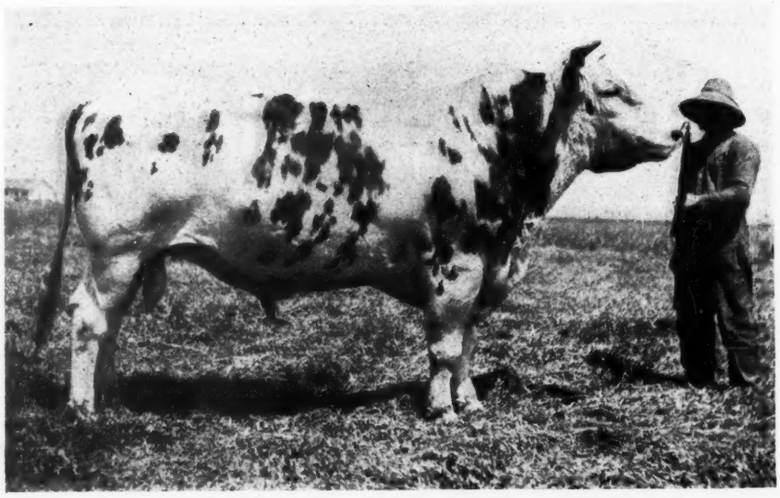
"The Greatest Bull in the World"

and it was his EIGHTH TESTED DAUGHTER out of a 23-lb. dam, that made this marvelous record. Just ponder this fact for a moment. Picture before you the 175,621 bulls whose names appear upon the records of the Holstein-Friesian Ass'n of America. With them let us build a pyramid, placing each one just where his achievement as a sire entitles him to be placed. When you have finished, you will find away up high on the pinnacle of your pyramid Rag Apple Korndyke 8th, the greatest bull in the world, because he stands alone, unsurpassed in individuality, unequaled in breeding and unapproached in the matter of his great achievement. Fellow breeders, make no mistake. This is the blood you need. Daughters of Rag Apple Korndyke 8th will be world record cows and his sons will in turn sire other world record cows. If you want to reap the rich reward that will surely follow, put a son of the world's greatest sire at the head of your herd. Just tell us what you want and we will gladly send tabulated pedigrees with fullest particulars. Two or three good ones now ready.

Oliver Cabana Jr., PINE GROVE FARMS, Elma Center, N. Y.

among the producing individuals of the herd who are increasing their averages, and emulating the greatest producers of the breed, are:

Jane Korndyke of Riverside 2d 195414, at 3 years 4 months, 24.38 pounds of butter, seven days. A granddaughter of Aralia De Kol, 30.14 pounds butter and 742.3 pounds milk, in seven days; 1,142.32 pounds of butter from 28,000 pounds of milk in one year.



Prince Gelsche Walker, the herd sire at Santa Anita Rancho.

Lily of Bloom 2d 209865, at 4 years, 27.51 pounds of butter, 458.3 pounds milk, in seven days.

Filled Segis 160288, at 4 years, 26.04 pounds butter, 465.4 pounds milk, seven days.

Mabel Wyntje 2d 109898, at 7 years, 25.04 pounds butter, 633.7 pounds milk, seven days.

Day Beauty De Kol of Windsor 156512, at 5 years, 25.41 pounds butter, 451 pounds of milk, seven days.

Abbie Korndyke Segis 177582, daughter of the $25,000 bull, Johanna McKinley Segis, has a record of 23.66 pounds of butter and 486.9 pounds milk in seven days.

Mosetta Mutual Paul Johanna 122347—Holder of World's Official Butter Record, Six Months.

This cow has only recently completed her half-year (182½ days) strictly official test, producing 16,842.2 pounds of milk and 706.26 pounds of butter, which to date exceeds the largest record ever made by a Holstein cow in 182½ days by 3.03 pounds of butter. The world's record in this division was formerly held by Traverse Princess Weg. Mosetta Mutual Paul Johanna averaged 98.3 pounds of milk in her best seven days; 96.12 in her best 30 days, and 92.3 in 180 days, showing a difference of less than four pounds of milk per day for her average for best seven days and for 180 days. She averaged 3.88 pounds of butter every day for 180 days.

This world record matron is a daughter of Mosetta Mutual Paul, by Prince Johanna De Kol 2d, who has four A. R. O. daughters and whose sire, Prince Johanna De Kol, is a brother to Finderne Pride Johanna Rue, the cow who held the former world record for a year of 1,470.59 pounds of butter, and whose seven-day record of over 36 pounds of butter, made 11 months after calving, is the highest ever made in that division.

Mosetta Mutual Paul Johanna is now in her eighth month of the yearly test. She has maintained her high average and the indications are she will surpass the high record made in the first six months. With four months yet to go in completing her yearly record, it is a matter of conjecture as to whether or not the Santa Anita Rancho will be able to announce itself as the home of the world's yearly record milk producer.

Miss Valley Mead De Kol Walker 250936—California State Record Senior Two-year-old—Daughter of Prince Gelsche Walker.

This heifer is proving to be one of the most sensational daughters of Prince Gelsche Walker now in the Santa Anita Rancho's herd. The addition of this record, by one of his daughters, gives Prince Gelsche Walker three state record daughters, which is a record heretofore unknown in the annals of Holstein breeding in the west.

Completing her seven and 30-day record on July 29, 1916, she produced 25.68 pounds of butter from 538 pounds of milk in seven days, and 100 pounds of butter from 2,304.6 pounds milk in 30 days, which exceeds the California state record for both butter and milk for both seven and 30 days, in the senior two-year-old division. This seven and 30-day record is also greater than any previous state record made by a three-year-old.

Miss Valley Mead De Kol Walker is out of De Kol of Valley Mead 127017, who has the splendid record of 26.55 pounds of butter in seven days; 107.78 pounds of butter in 30 days, and 1,011.71 pounds of butter in 365 days.

Merci Lad Korndyke Burke 128722 is the junior herd sire. This young bull is a proven son of De Kol Hengerveld Burke, whose ancestors include more proven sons than does the ancestry of any other sire of equal note. His dam, Winnie Korndyke Cornucopia De Kol 101449, 28.73 pounds of butter, 789.1 pounds of milk in seven days, and 578.8 pounds of butter from 15,763.8 pounds of milk in 159 days, is a half-sister to the new world's record milk cow, Lutscke Vale Cornucopia, who on May 12, 1916, completed her record of 31,239.2 pounds of milk in one year. She also has five full sisters with records of over 25 pounds of butter each in seven days. She was sired by Aaggie Cornucopia Johanna Lad, who has 62 producing sons and 101 A. R. O. daughters, including two world record daughters for milk production in their respective classes; 15 of his daughters have milk records that average over 100 pounds per day. Aaggie Cornucopia Johanna Lad is one of the best sons of Johanna Aaggie Sarcastic Lad, out of the noted cow, Aaggie Cornucopia Pauline, 34.32 pounds of butter in seven days, at 4½ years of age, and who held the world's records for both seven and 30-day butter production for eight years. This dam heads one of the seven only combinations of three direct generations of 30-pound cows.

The dam of Winnie Korndyke Cornucopia De Kol—the granddam of Merci Lad Korndyke Burke—is Winnie Lamb Korndyke, a 21-pound daughter of Korndyke Queen De Kol's Prince, 83 A. R. O. daughters, among whom are several 29 and 31-pound cows.

Merci Lad Korndyke Burke, while only three years old, is immense in size, and like his dam more black than white. He is being used freely on the daughters of Prince Gelsche Walker, uniting two great blood producing strains. As a consequence his progeny is already shedding luster upon the greatness of the breed. A great future is predicted for this sire, unequaled by any other male member of the Santa Anita Rancho's herd.

The individuals herein mentioned, together with one daughter and three granddaughters of that famous bull, King of the Pontiacs, three daughters of De Kol Hengerveld Burke, and a hundred other splendidly bred individuals, give the Santa Anita Rancho herd a prominent place among the leading and most substantial Holstein breeding establishments on the Pacific coast. While this herd was established less than two years ago, and its operations just fairly begun, it has already developed a world's record cow and three California state record holders, all of which bespeaks the quality of the herd now assembled, and the well-nigh faultless manner in which its operations have been planned and executed by the experts in charge.

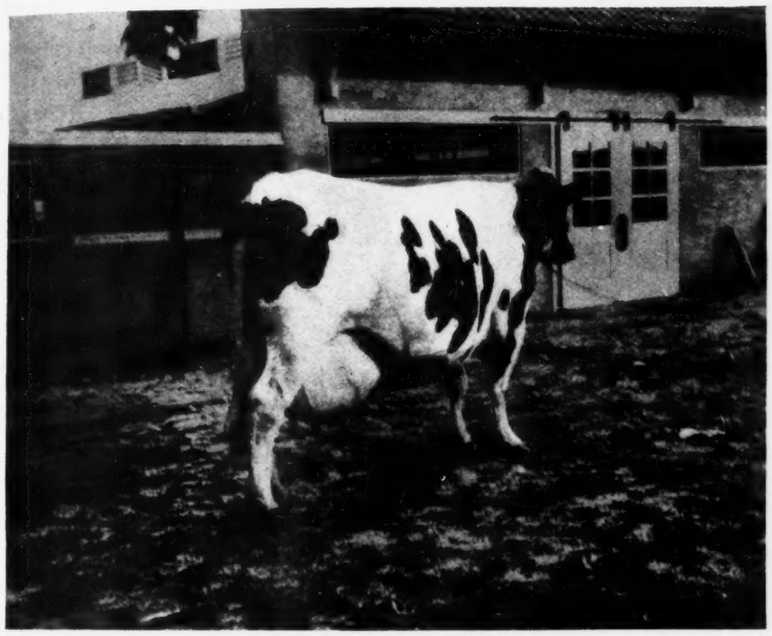
If you have something to sell, tell the world about it. It is the only way to find the buyer. Men aren't going to hunt you up. They will plod right along in their every day work unless you let them know you have the stock.

The silo is one of the most popular landmarks of the American farm. All through the east silos are taken for granted but on many of the western farms they have been a little more slowly adopted. They are coming into popularity every day.

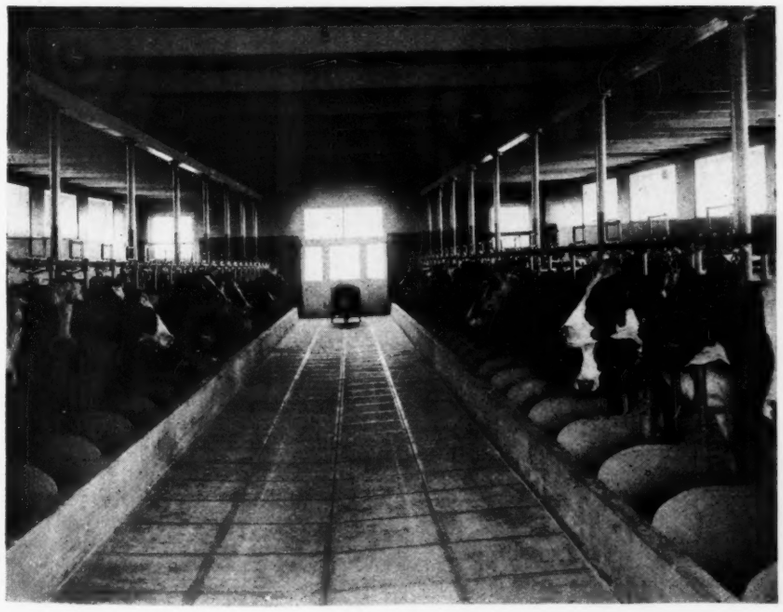
Santa Anita Rancho's Herd

(See preceding article.)

The milking barn at Santa Anita Rancho.



Alba Sadie Cornucopia Creetia, California's state butter record cow. In seven days she gave 34 13 lbs. butter and 532.4 lbs. milk. She is one of the Santa Anita Rancho cows.



Interior of the milking barn at milking time.

These Resolutions Protect the Buyer at Our Sales

—Remember—

this fact when you see sales advertised to be held at this pavilion.

All animals hereafter offered for sale in the Syracuse Sale Pavilion must pass inspection after arrival at the sale barn, by a committee appointed by the Corporation, and no animals rejected shall be allowed to enter the sale ring.

All animals offered must be under nine years old, absolutely sound, in suitable sale condition, and free from physical indication of disease. All animals six months old or older, at time of sale, must have passed a tuberculin test, conducted by a state-authorized veterinarian.

All females offered that are three years old or older must have produced a living calf within a year or show unmistakable evidence of being in calf at time of sale: and every animal of either sex must be guaranteed a breeder.

Every animal offered must be pledged to absolute sale and every discovered violation of this rule will debar the offending consignor from the future privileges of the sale pavilion.

A copy of the foregoing resolutions shall be published in full on all entry blanks and in all catalogs used for sales, conducted in the pavilion, and shall form a part of the rules of entry to which each consignor shall subscribe.

It will be the policy of the Sale Corporation to suspend these rules in the case of a sale that shall be announced as a "rummy" sale and so described in every published advertisement and also in the title-page of the catalog of said sale.

SYRACUSE SALE PAVILION CO.

Syracuse, N. Y.

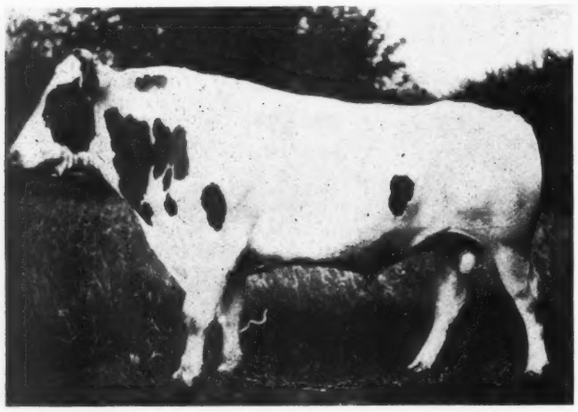
N. B.—All correspondence relating to rental of sale building should be addressed to the chairman of the executive committee, **B. V. Kelley, Syracuse, N. Y.**

The Wisconsin Star Holstein-Friesian Herd

By FRANCIS DARCEY

TO acquire a reputation as a breeder is the ambition of practically every progressive member of the Holstein fraternity. In striving to attain this goal, however, the advantages of establishing oneself as what is known as a reputable breeder as well as a producer of high record cows are sometimes overlooked.

Unfortunately, it is at times forgotten that a reputation for square dealing is wholly indispensable to the best success in the business of developing dairy cattle. The breeder who has never lost sight of this supreme fact and has guided his transactions accordingly is the man who at present is looming up brighter and more attractively



King Artis Pontiac, the successor to Johanna Colantha at Star Farm.

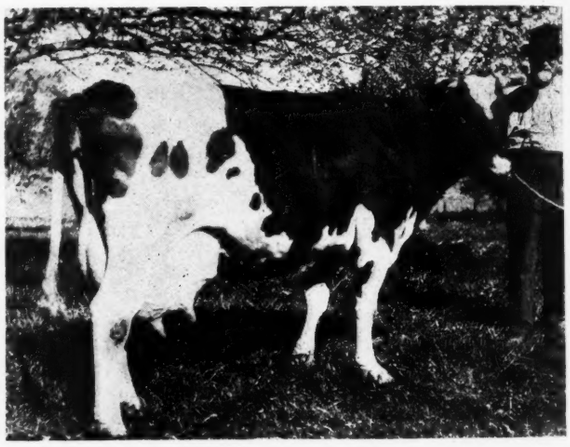
than his fellow breeder who in other respects might make equal claim to prominence. He is the man in whom at this time the buying public is especially interested. Some one well said in this connection that the man selling the cow is as important a consideration as the cow herself. This apparent digression is indulged in because it has special application to the work and accomplishments of Edwin M. Schultz of Hartford, Wis.—a man who has grown in popular esteem in proportion to his prominence as a breeder.

Mr. Schultz's activities with Holstein-Friesians date back to the year 1905 when, at the age of 22, he purchased 100 acres of rich farming land seven miles north of Hartford and about 30 miles west of Milwaukee. In that same year he purchased his first registered stock, namely, Johanna Colantha Sarcastic Lad and Johanna Colantha Posch—a daughter of Johanna Colantha 2d, who has a seven-day record of 32.8 pounds of butter. A few months later four more heifers were added which, with the above, were to make up the foundation of the Schultz herd. Two of these heifers, Piebe Estata Dora and Aaltje Salo Ruth, proved to be of exceptional merit in the capacity in which they were chosen to serve. Their offspring have proven most instrumental in contributing toward Mr. Schultz's success as a breeder. Ninety per cent of the herd are descendants of these two cows. Piebe Estata Dora completed a seven-day record of 262 pounds and a semi-official yearly record of 19,565 pounds milk and 885.9 pounds butter. The fact that she dropped a calf just one month after finishing her yearly work adds very materially to her laurels. Piebe Estata Dora has three A. R. O. daughters, one of them Johanna Star Blanche, having the following records to her credit: Seven days, 25 pounds butter at three years of age, yearly performance, 17,219 pounds milk and 677 pounds butter as a two-year-old.

Aaltje Salo Ruth is the dam of Wisconsin Star with a record of 24.4 pounds butter in seven days and 18,196 pounds milk and 705.6 pounds butter in a year—this done on three quarters. Wisconsin Star in turn is the dam of Wisconsin Star 3d, who performed as follows: At two years, 23 pounds butter in seven days, yearly record, 730.9 pounds butter, milk, 15,387 pounds; at three years, she gave 25.9 pounds butter in seven days; at four years, 27.6 pounds butter; at six years, 27.9 pounds butter, and in 30 days, 115 pounds butter. Her average for four years was 26.1 pounds butter in seven days. She also has the distinction of winning $113 in association prize money. It, too, is worthy of mention that this cow has produced a daughter, Wisconsin Star Pontiac, who has recently completed a seven-day record of 20 pounds butter at the age of two years and one month. Wisconsin Star 3d likewise, has two promising young daughters, not yet in milk from which Mr. Schultz believes he has a right to expect great things.

In this herd every female in milk has been given an official seven-day record and 15 have done semi-official work. These 15 have butter records as two-year-olds up to 730 pounds and at full age range up to 885 pounds. The yearly milk records run as high as 20,000 pounds.

Mr. Schultz's first herd bull as previously mentioned was Johanna Sarcastic Lad. This well known sire was used in the herd for eight years, after which time he was sold to John Puls, also of Hartford. In speaking of the bull Mr. Schultz said, "I believe he is one of the best individuals of the breed." He weighs in the neighborhood of 2600 pounds and his daughters have all proved to be of more than usual merit individually and also have demonstrated their ability as milk and butter producers. His first five two-year-old daughters in semi-official test averaged 16,435 pounds milk and 661 pounds butter in one year—at an average age of 2 years and 1 month. Johanna Colantha's successor was King Artis Pontiac, by Sir Korndyke Pontiac Artis, a son of Sir Korndyke Manor De Kol from the 31-pound cow, Pontiac Artis—a daughter of Hengerveld De Kol. King Artis Pontiac's dam is May Duchess De Kol, the 26.32-pound daughter of De Kol Pietertje Prince 2d. He has been at the head of the Schultz herd for the past five years, and has more than

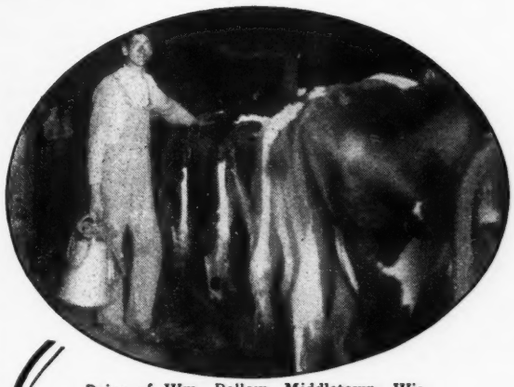


Piebe Estata Dora, one of the stars at Wisconsin Star Farm.

proven his worth inasmuch as some of his two-year-old daughters have records in excess of 20 pounds. All of his three-year-old daughters have records beyond the 20-pound mark.

About two years ago Mr. Schultz again invaded the Robens herd in New York state and selected his present junior herd sire, King Korndyke Veeman, an excellent individual whose breeding is fully in keeping with his general conformation. He is by King Korndyke Sadie Vale, who needs no introduction, and from a 33.13-pound daughter of Sir Veeman Hengerveld—Jessie Veeman Duchess De Kol, who is a daughter of May Duchess De Kol—the dam of King Artis Pontiac as before stated. Mr. Schultz thinks a great deal of King Korndyke Veeman and he has a right to. Considered from every angle, the bull is a prize and his get, though still very young, are vigorous, well conformed and growthy. In view of what has already been done and in view of the splendid combination of breeding being followed out, one can feel safe in predicting greater things for the Wisconsin Star Stock Farm herd. Mr. Schultz is proving himself a constructive breeder of high rank—a man of principle and character and his success rests upon this most secure of all foundations: Absolute integrity and business judgment.

How Wm. Pollow Added to Profits



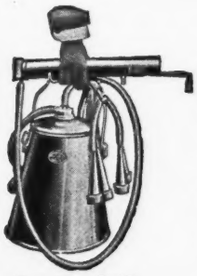
Dairy of Wm. Pollow, Middletown, Wis.

the cost of

One Hired Man

Mr. Pollow finds it an easy task now to milk his 22 cows alone since installing the

HINMAN MILKING MACHINE



Complete Outfit

Produces 500 lbs. of milk a day and is credited with producing the cleanest milk sold to the Middletown condensery. Mr. Pollow stated that if it was not for the HINMAN MILKER, he would be compelled to hire another man.

Make the HINMAN MILKER Pay for Itself this Fall

Because it saves where the only saving is possible in a dairy. It is the **sure way** to **more profits.** You can't save on feed without losing milk yield—but you can **save on hand labor.** Make the HINMAN pay for itself this Fall by saving one hired man. It costs less than board and pay for six months and saves milking drudgery —produces more and better milk.

Easiest to clean, easiest to operate—no air pipe lines—no vacuum tanks—no complicated pulsating mechanism.

Big Illustrated Catalog FREE

Tells all about the principles and operation of HINMAN MILKING MACHINES and gives interesting experiences of dairymen who have successfully used this machine for years. Write for your copy and approximate cost of outfit suitable for your needs. The low first cost and low operating cost will surprise you.

HINMAN MILKING MACHINE COMPANY

25-35 Elizabeth Street **Oneida, N. Y.**

Service Dealers Everywhere

Trade Mark

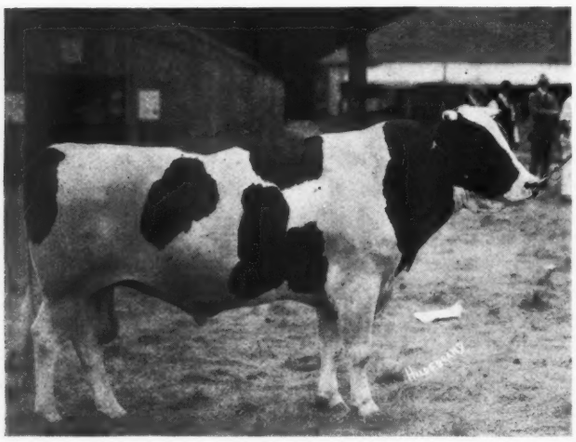
HINMAN
The Valve-Chamber
MILKER

"Success for Eight Years"

Iowa's Sixty-Second State Fair

THE agricultural supremacy of the state is indexed by its annual state fair. Gauged by this standard Iowa is truly in the front rank of all agricultural states.

For 62 years the farmers and breeders of this magnificent commonwealth have been gathering to pay tribute to the product of her fields, her folds and her barns. The fair this year from the entrance to the last cottage on the camp grounds was a glorious tribute to the success of the Iowa farmer, to the bountiful harvest of the Iowa fields. No one could visit the state fair grounds during any of the 10 days when this great concourse was in session without being impressed by the throng of people and further than this he would invariably have been impressed



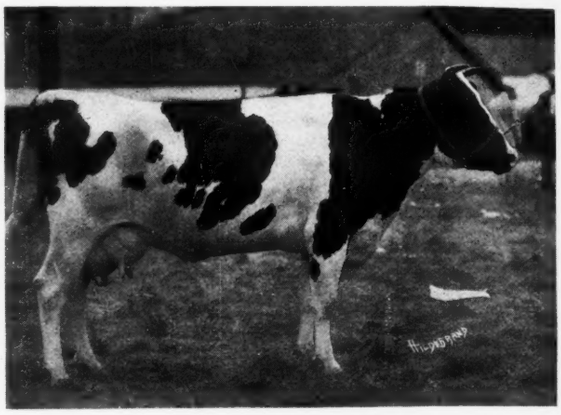
King Segis Johanna Ormsby, owned by Galloway-Messer Farms. Grand Champion Bull, Iowa State Fair.

with the importance of the Iowa farmer from the commercial, the social and the political viewpoints.

It is said there is one auto to every 13 people in this state. Perhaps these are the hard, cold facts demonstrated by the licenses issued, but if one were to judge from the number of autos he dodged while moving about the fair grounds or while approaching them from any direction he would come to the conclusion that one to 13 is altogether too low an estimate. Surely the farmers of this state are a harvest for the automobile manufacturers and for the manufacturers of all the accessories that make the automobile such a pleasure.

The Iowa State Fair is an exposition of everything the Iowa farmer produces and it is also an exposition of everything the Iowa farmer uses in his farm operations. One may study the exhibits and gain therefrom a good idea of the progress that is being made by the farmer because he sees just what changes are taking place in the machinery that is used to carry on the farm work and also in the manner in which the soil is tilled and the crops are handled. The machinery exhibits themselves are a source of education and they are very popular with all of the visitors. The real exhibits, however, for which the fair is famous are the farm animals, the horses, the hogs, the sheep and the cattle. If one doubted for a moment the necessity and popularity of the purebred horses he would have all those doubts dispelled by walking through the horse barns or watching the judging arena during any of the mornings. If he doubted the supremacy of this state as a producer of hogs and beef he would find the most convincing answer to his mental uncertainty in the show rings devoted to this stock.

Dr. O. P. Thompson of Waterloo acted as judge. The doctor is one of the veteran breeders of the state and he is thoroughly fitted through experience and through a knowledge of the finer points of the breed to pass upon classes of this kind. He did not have an easy task, however, for the contests were keen in every instance. The men who watched the show ring, many of them, felt themselves capable to act as judges. However, it is one thing to judge from the ring side and a very different thing to judge from inside the ring. There has never been a class of cattle led into a show yard and led out again to the entire satisfaction of the men on both



Jewel Walker Gerben of Cedarside, owned by Galloway-Messer Farms. Grand Champion female, Iowa State Fair.

sides of the ring. Therefore, any judge who is qualified as the doctor is through years of experience and study, to pass upon the stock and who conscientiously places the awards should not be concerned with the petty suggestions that are passed about by the spectators.

In the bull classes the first honors were divided among three of the breeders, Galloway-Messer Farms capturing the aged prize with Hengerveld King, thus placing Paul Calamo Korndyke, the bull who has been victorious in many of the greatest show rings of America, second.

STEVENS' CALF MEAL IS A PROVEN PRODUCT

It is a food compounded by practical breeders from years of experience in raising purebred stock. Every element in the food has been put into this food after actual feeding experiment, as well as scientific feed analysis. It takes the place of milk—is absolutely digestible—it grows the calves well and keeps their bowels in good condition.

Stevens' Calf Meal has rice flour as a base, the balance of the feed consisting of wheat bran, wheat middlings, wheat flour, dry blood, charcoal, old process linseed oil meal, cocoanut meal and a small per cent of ground Fennugreek seed, ground anise and salt.

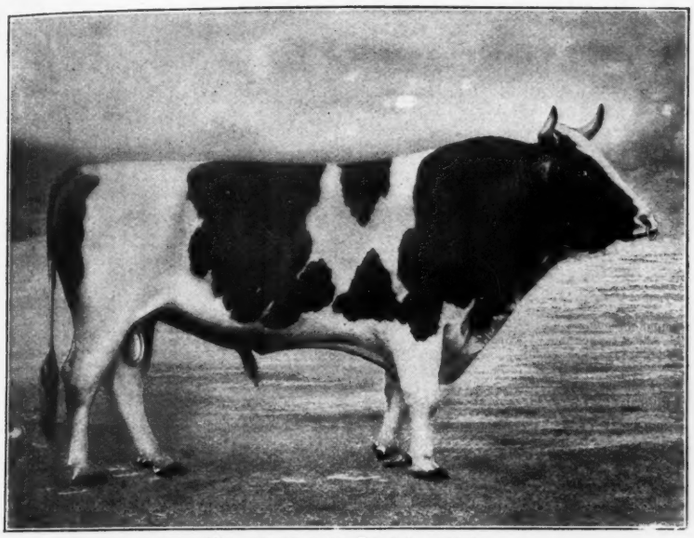
Try out a small lot and test it for yourself.

Price to introduce this feed $55.00 per ton, freight prepaid east of the Mississippi river in lots of 500 lbs. or over. Cash with order.

STEVENS MILLING & FEED CO., Lacona, N. Y.

A FEW FACTS

Herd Headed by Two Great Sires



King Hengerveld Pondyke 47843

SENIOR HERD SIRE

King Hengerveld Pondyke 47843

One of the greatest sires in the state of Wisconsin. Has 20 A. R. O. daughters—two 30-pound daughters. I have 16 of his daughters out of cows whose seven-day records run from 17 to 28 pounds, and they will be given every opportunity for bigger records. Four of his sisters sold at the Detroit sale at an average of $1,180 apiece.

Select a Herd Sire Out of Some of These Cows

Name	Reg. No.	Butter 7 days	Butter 1 year	Milk 1 year
Olive Pontiac Colantha	104117	28.04	717.81	15,043.1
Queen Schillaard	93154	27.18	764.71	18,329.1
Lynden Grove Betsy De Kol	123585	22.13	721.49	18,563.7
Kinsman Beauty	139476	19.25	675.60	16,032.5
Queen Pontiac De Kol Burke	140854	17.46	630.36	14,392.7
Fearless Lassie 2d	124675	22.52	688.33	14,831.5
Faithful Lassie De Kol	111652	20.79	644.58	14,033.6
Empress Pleasant View Farm 3d Lady	117904	20.30	637.38	13,504.5
Olive Pontiac Colantha 2d	140853	27.48	563.03	11,547.3
Hillvale Lilly Homestead	152904	21.00	594.50	15,426.5

JUNIOR HERD SIRE

King Superba 176125

A World's Champion Bull whose sire is three-fourths brother to the $50,000 bull, King Segis Pontiac Columbo. His dam, Milanhurst America De Kol 143441, as a junior four-year-old, and under strict official test, made the following remarkable records:

	Butter	Milk
Seven days	34.08	651.10
Thirty days	125.60	2533.00
One year	1231.35	26433.40

She is the first cow in the United States to have been officially tested for a full year and who held eight world's records when she closed her official yearly test. Write for prices.

King Superba 176125

DR. DAVID ROBERTS STOCK FARM, Waukesha, Wis.

When it came to years, however, Hengerveld King is more in his bloom than his older rival. Both the Iowana Farms and Dr. David Roberts disputed the first honors in the other male classes with the Messer Farms. And when it came to the senior champion sire King Segis Johanna Ormsby, a son of King Segis Pontiac Combination and the famous cow, Daisy Mercedes Johanna Ormsby, defeated his older stable mate, Hengerveld King.

If there were any question in the visitors' minds as to the type of stock that really holds the forefront of the stage in all agricultural activities in the Hawkeye state the answer that inevitably dispels this doubt would be found in the dairy cattle barns and the dairy show ring. A few years ago the dairy cow was not as popular in Iowa as she is today. In those times the beef market looked to the pastures of Iowa for a large share of its raw material. Today the beef shipper is very much in evidence but the dairy cow is seen in every pasture and the fact that Iowa creameries manufacture 90,000,000 pounds of butter each year is very easily believed.

Naturally, of all the dairy breeds the one that attracted the most attention was the good, big, practical cow from Holland—the real dairy cow for the practical farmer, the Holstein-Friesian.

One of the most encouraging things about the entries of this breed was the fact that so many of them were made by men new in the game. A number of these did not enter complete herds but they made very favorable showings and they are to be congratulated on their courage and upon their willingness to promote the interest in the breed.

Among the herds that have been in the show ring frequently were those entered by R. E. Haeger, Galloway-Messer Farms, Iowana Farms, Dr. David Roberts and the Baird Brothers. All of these made remarkable showings as indeed did practically every exhibitor who led stock into the ring. Some were not quite as talented in the art of showing as others but all of these finer points will develop with experience.

There were an even dozen cows in the aged class and they represented as magnificent a herd of dairy queens as could be brought together. Minerva Beets shown by Haeger and Fay Jewel Beauty shown by the Galloway-Messer Farms were both cows of national reputation and both cows that have won many remarkable honors in the show ring. But in this case two younger cows were placed over them for their udders showed up better, both of the old cows being dry. While all of the exhibitors led their aged cows into the ring Mr. Haeger and the Galloway-Messer Farms captured all of the ribbons in this class. The former taking first, second and third prizes.

In the three-year-old class the Galloway Messer people were proud of the distinction won for their farm by Jewel Walker Gerben of Cedarside, a daughter of Hengerveld King and Jewel Abbekirk Gerben 3d, one of the most famous cows that Mr. Nelson has ever owned. This heifer was bred and developed at Cedarside and she is a fit product of this remarkable plant. The Galloway-Messer Company purchased her at a long price and their judgment was verified by the judgment of Dr. Thompson. The second prize went to Mr. Haeger on Mahomet Orma Butter Girl, a handsome heifer that was rich in dairy characteristics. In fact the entire female exhibit was noted for its splendid veining and indication of productive capacity. It is the approach of a complete blending of show ring quality and productive capacity that makes the ideal dairy animal.

Raise Your Calves on

Blatchford's Calf Meal

and Sell the Milk

More calves have been raised on Blatchford's Calf Meal than on all other milk substitutes combined.

100 lbs. makes 100 gallons of milk substitute, costing only one-third as much as m k.
Prevents scouring and insures the early maturity of sleek, handsome calves.
It is steam-cooked and no trouble to prepare or use.

Write for Pamphlet "How to Raise Calves Cheaply and Successfully with Little or No Milk." At dealers, or Blatchford Calf Meal Factory, Dept. 95 Waukegan, Ill.

In the classes of younger heifers two daughters of Sir Johanna Fayne shown by the Iowana Farms were victorious. This is one of the remarkable bulls of the west and it is a splendid tribute to him that his daughters are so victorious in the ring. Following is the complete list of awards:

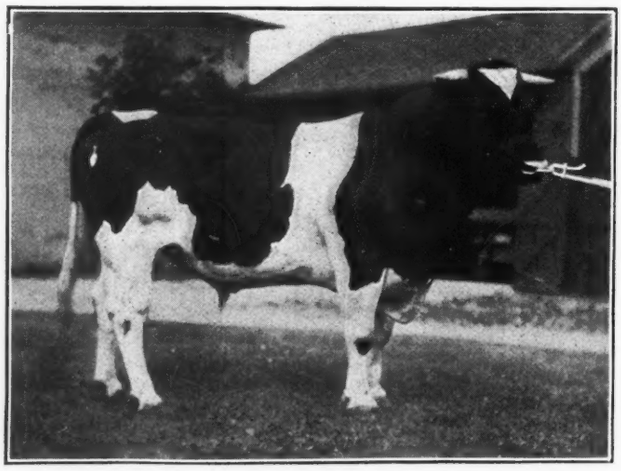
Bull, three years or over: 1st, Galloway-Messer Farms on Hengerveld King; 2d and 3d, R. E. Haeger on Paul Calamo Korndyke and Paul Calamo Korndyke 14th; 4th, Baird Bros. on Bairdland Segis Sir Prize.

Bull two years, under three: 1st, Galloway-Messer Farms on King Segis Johanna Ormsby; 2d, J. M. Chestnut & Sons on Johanna Bonheur Champion 2d; 3d, R. E. Haeger on Joe Calamo Hengerveld; 4th and 5th, Iowana Farms on Iowana DeCola Fayne and Colantha Dutchland Snowdrop.

Bull one year, under two: 1st, Iowana Farms on Iowana Mercedes Homestead; 2d, U. S. Indian School on King Burke Pontiac Segis; 3d, Galloway-Messer Farms on King Segis Pontiac Combination 5th; 4th, R. E. Haeger on King Segis Pontiac 22d.

Bull, senior calf: 1st, Dr. David Roberts

(Continued on page 2030.)



SIR JOHANNA LADY KORNDYKE 84720

I will be pleased to show Sir Johanna Lady Korndyke to all who are interested

W. C. HUNT

Pontiac Lady Korndyke's Best Son

Three Questions:

First—Why did Mr. Oliver Cabana Jr. select a son of **Pontiac Lady Korndyke** to head his wonderful herd?

Second—Why did the Pabst Stock Farm pay $12,500 at public auction for a yearling son **of Pontiac Lady Korndyke** to head their great herd?

Third—Why did the Stevens Brothers Company select **Pontiac Lady Korndyke's** youngest son, **King Dollar,** for their **chief junior herd sire?**

The Answer—The same reasoning that was used in selecting a "Herd Header" for my village farm herd, to have a son of the most wonderful cow, all things considered, in the world, **Pontiac Lady Korndyke,** whose blood is 75 per cent **Pontiac Korndyke.**

Fayetteville, N. Y.

George McKee's [AN INVITATION]

Breeder's Consignment Sale

SEPTEMBER 21, 1916

Fair Grounds, Medina, Ohio

will be held a sale of **Purebred Holstein Cattle.** Every animal in the sale has been personally selected by Mr. McKee and only the best animals from some of the foremost herds of Ohio were accepted as entries. All animals over six months of age will be tuberculin tested by State Approved Veterinarian.

Some Outstanding Facts:

A number of cows bred to **Sir Rag Apple Korndyke,** who has 75 per cent the same blood as **Rag Apple Korndyke 8th,** the $25,000 bull. The entire herd of W. S. Ashley, Berea, Ohio, is to be sold. Several granddaughters of **King of the Pontiacs, King Segis, Beryl Wayne's Son.** Several daughters of **Broadacre Pontiac Victor 4th** and several cows bred to this bull.

Daughters of **Pietertje Hengerveld Count De Kol 3d.** Two daughters of **Admiral Spofford Walker,** he a son of the **King of the Black and Whites.**

A 28-lb. cow. A fine lot of heifers and heifer calves. Some exceptionally fine five and six-year-olds. Cows in calf to bulls up to 36.20 lbs.

In the sale is a full sister to **Canadian World's Champion cow.**

Note—Medina, Ohio, is 30 miles south of Cleveland on Cleveland & Southwestern Electric R. R., B. & O. R. R. and Northern Ohio R. R.

Six months' credit with approved security—2 per cent for cash.

S. T. WOOD in the box
COL. D. L. PERRY, Auct.

For Catalog Address
GEO. McKEE, Mallet Creek, Ohio

WORTHY OF THE BREED

Entered at the Waterloo, Iowa, Postoffice as second class mail matter. Issued on alternate Saturdays from Waterloo, Iowa, and Syracuse, N. Y.

HOLSTEIN-FRIESIAN WORLD CO., Publishers.

Editor Western Edition - - - - H. E. COLBY
Editor Eastern Edition - - - - FRANK T. PRICE

Subscription price for the United States and Mexico, $1.00 per year in advance. All other foreign subscriptions (including Canada), $1.50.

Advertising rates on application.

The date following the address on the wrapper of each paper indicates the time to which subscription is paid, and is to answer the purpose of a receipt.

Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.

If photographs are sent, cuts will be charged for at cost price.

All matter for publication in the Western Edition must be received by the Saturday preceding date of issue.

When so desired, advertising copy will be prepared or revised for our customers free of charge.

We cannot undertake to furnish regularly any back numbers, but as long as our supply lasts they may be had for ten cents the copy.

Address all correspondence for the Western Edition to Waterloo, Iowa.

WATERLOO, IOWA, SEPTEMBER 16, 1916

The Milk Producers Organize

IT IS gratifying to note the organization of milk producers in various parts of the country. The movement began at Chicago and is gradually reaching out both east and west. The latest news comes from Minnesota, and one of the most pleasing features of this organization is the fact that it is officered very largely by Holstein-Friesian breeders. There are two reasons for this. In the first place the Holstein-Friesian breeders are keenly alive to every progressive movement and in the second place the Holstein-Friesian breeders are great milk producers.

This seems to be the first decided step in agricultural organization. The farmers and land owners of America are a great factor in the political organization of this country, yet they are the least appreciative of their importance. Other men who do not wield nearly as much power either through their aggregate wealth, their number or their general influence in a community are organizing and demanding what they term their rights. The farmer has been the last to enter this class but these organizations of milk producers are the first steps in the right direction.

In these organizations the one thing that must be guarded against most strenuously is internal strife. It is difficult for a great body of men to combine in any line of work without rivalry resulting. It has been demonstrated in practically every other organization of men and it remains for the farmers of America to prove that their organization may be so perfect that this unfortunate circumstance will be avoided.

Holsteins Everywhere

THE Holstein cow lends herself most admirably to every line of utility for which she is adapted. Of course we hardly expect her to furnish means of transportation but we do expect her to pay the mortgage and buy the automobiles and she does not fail us.

The observing traveler no matter over what line he may be going or through what section of the country he may be moving is impressed with the Holstein-Friesians he sees in so many of the pastures. In making the trip from Chicago east he might well be impelled to suggest as a slogan of the breed, "Holsteins in Every Pasture."

In traveling towards the south and the southwest many farms that were formerly sacred to other breeds are now boasting Holstein-Friesian cows. All through the middle states Holsteins are popular—growing more so every day. In the cutover country, the land that is inviting the man who is not afraid to work, the Holstein cow is the greatest helper. All through the western states her very decided popularity is increasing daily. All of this goes to prove that the Holstein cow is almost the universal favorite with the farmer.

In illustrated work we are proud to see that the Holstein is very frequently chosen when dairy scenes are to be depicted. The man who is not in a position to proclaim his advocacy of any one breed chooses pictures in which Holsteins appear because of their striking artistic effect.

In advertising the Holstein is very frequently seen. When the advertisement writer wishes a particularly attractive dairy scene for any purpose he usually selects one containing Holsteins. Here again she lends herself most charmingly to the greatest artistic effect.

In the affairs of men, breeders of Holsteins are very frequently the leaders. This is natural because they are always progressive and enthusiastic for those things which are of keenest importance in social prosperity.

Keeping Milk and Cream

THE Agricultural Experiment Station of the University of Wisconsin is issuing a series of poster bulletins. These tell in type and illustration the right and wrong ways of doing things on the dairy farm. The latest bulletin is on the subject of keeping milk and cream. It demonstrates that the two principal factors in producing wholesome milk that is fit for food are cleanliness and a low temperature for the product.

Good dairy products can be produced only from healthy cows. This is a foregone conclusion, but the healthiest milk, the raw product, which comes from the best of stock kept under the best of conditions cannot be kept pure and healthy if it comes in contact wtih unclean and germ laden strainers, pails and cans. The milk must be kept free from contamination for dirt breeds germs and the damp greasy utensils make one of the most ideal breeding places for harmful bacteria. The stable is no place for the separator. The open water tank next door to the barnyard is no place for the milk cans and merely rinsing out the separator is no system of keeping it clean and free from contamination.

The experiment station is to be congratulated on this series of posters. They are made on durable paper and they are convincing, they appeal quickly to the reader and they are easily understood. The lessons they teach cannot fail to bear good fruit.

California Dairy Cow Competition

CALIFORNIA announces a state dairy cow competition to begin November 1st and to extend over one year. Just as this state has been superlative in many other things so it is announcing the greatest event of its kind in this connection. The California Cultivator says, "Wisconsin has the honor of inaugurating this type of competition." We beg the privilege of correcting our worthy contemporary in this instance for the first dairy cow competition was undertaken in Iowa and it was after this had proven very successful that the Wisconsin competition was started. California has offered two or three times the prize money that Wisconsin put up, so she is justly entitled to the distinction of having the greatest event of the kind. The competition will be under the direction of Prof. Woll who came to the University of California from Wisconsin and whose experience in managing the Wisconsin event will prove of very decided value to him.

ONE of the most important implements on the dairy farm and especially on the farm of the breeder is the lead pencil. Pencils are not worked as much as they should be. They would prove very many things that would be decidedly startling if they were used more. Of all farmers the breeder of Holstein-Friesians is the most wise in his use of the pencil but there are a great many men who are just beginning as breeders who have a slight tendency to depend upon brawn more than brain. The real breeder's greatest work must be done from the shoulders up and the pencil is the best implement in all efforts of this kind.

FOR unavoidable reasons, the second chapter of Dr. Dijkstra's article on The History of the Holstein-Friesian Breed does not appear in this number, but will appear in the September 30th issue of the World.

BREEDERS sometimes think that advertising is an expense. It's an investment just as much as feed or protection.

The Breeders Tell Us

A Wonderful Holstein Opportunity.

The Fred J. Karlen sale at Winslow, Ill., to be held October 4th and 5th, brings, as the advertising columns of the World show, 175 head of splendid record Holsteins into the public market. While many of the females have large official records and are backed in every line of their pedigree by record animals, yet it must not be inferred that only females are in this sale. Fred Karlen has had a tremendous call for his young bulls but has just fifteen entered in the sale. He intends to hold all the females until sale day but, he informed us, he had some bulls priced and, if he had a chance to get his price, he would let them go, a wise proceeding. We wish to mention a few of the youngsters.

There is of course, the herd sire, King Alcartra De Kol Pontiac whose dam made when only a three-year-old 36.59 lbs. butter, a world's record then. There is a six months old son by him from Snowball Pink Babe, 33.19 lbs. as a three-year-old, the Association's first prize winner last year. Some bull this is too. There is a yearling bull by King Pieter from a 29.48-lb. four-year-old whose dam is a 23¾-lb. cow with three daughters all above the 26-lb. mark. Another son of King Pieter is from a 21-lb. junior three-year-old daughter of the 33.42-lb. cow, Maggrath Netherland Lady, and yet another is by the same sire from a 24.8-lb. daughter of the same great 33-lb. cow. A bull calf that will make some of the breeders bid is a six months fellow by the 36-lb. Alcartra bull from the 33-lb. three-year-old Snowball Pink Babe. The dam and sire's dam of this handsome fellow average 34.89 lbs., both records made as three-year-olds. Only one of the fifteen bulls is from an untested dam, and every one is from splendid cows backed by large official records. Anyone desiring a bull can get a real good one at the Karlen sale and can see the dams, sire, sisters and other relatives of the various bulls there. There are so many little families of cattle in this sale that it is just the place for beginners to get started by buying a bull and a number of females not closely related. We expect the Karlen sale will start a number of good dairymen on the right track, that is, in the business of breeding purebred Holsteins.—G. H. Truckell, Secretary Holstein Sales Co., Elgin, Ill.

Not 273 Pounds.

We recently received a letter from a subscriber to the World calling our attention to a typographical error which appears on our letterhead, and we wish to thank the subscriber not only for calling our attention to the error, but for the interest shown in catching it.

On the letterhead the statement is made that 22 two-year-old daughters of King of the Pontiacs semi-officially tested for one year have an average record of 16,698 pounds milk. This should further read that they also averaged "773 pounds butter," but in some way the printer managed to make this read "273 pounds butter" and until called to our attention by this letter, the error was not noticed. We at once hastened to make our apologies to "King" for putting him in this class when he is everywhere known as "King of Butter Sires."

We believe that those who may have noticed this error were so familiar with "King's" standing in this regard that they at once recognized that the mistake must have been typographical. We take this opportunity of adding that he even shows a better record than this at the present time. Instead of 22 daughters averaging as above, he has 24 two-year-old daughters (all with first calf), who have been tested for the year and they average 787.86 pounds butter and 16,974 pounds milk.

Inasmuch as it was a subscriber to the World who called our attention to this error, we are using the World as a medium for correcting same and at the same time we wish to say that "King," with his 17 daughters above 30 pounds and 2 above 40 pounds together with the showing his two-year-olds have made on semi-official test, certainly backs up all of our claims for him.

We thank you for publishing this correction.—Stevens Brothers Company.

Holsteins in Nebraska.

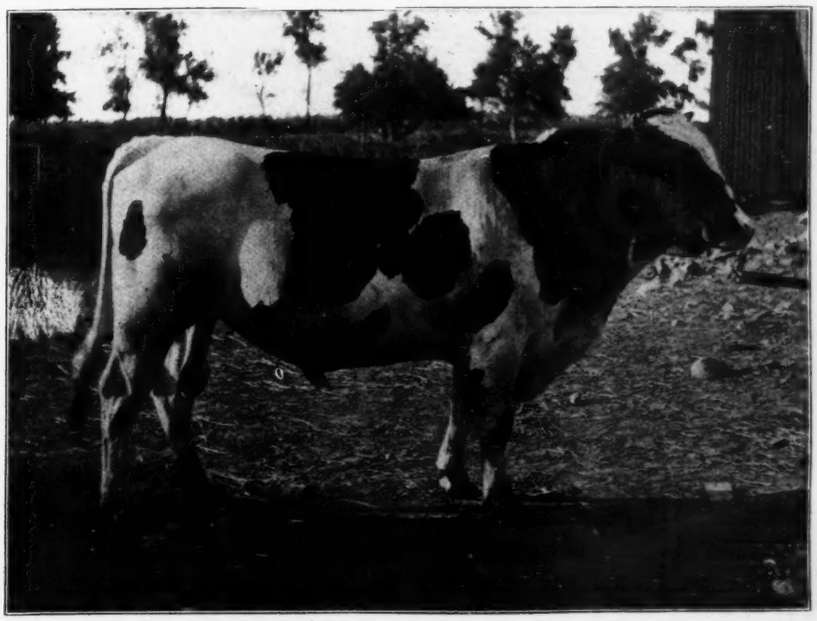
A recent letter from Mr. Hildebrand of Nebraska is most encouraging to those who are keenly interested in the extension of Holstein-Friesian sentiment westward. Mr. Hildebrand says, "The Holstein outlook was never so bright in the history of Nebraska as it is just now. There are more cattle being brought into Nebraska at this time than ever before and more Holsteins than all other dairy breeds put together." Mr. Hildebrand has recently purchased 28 head of registered cattle, being the entire Cameron herd from Ohio. In this purchase was Mr. Cameron's original foundation cow, Wahabee Gyp. She is now 18 years old and is giving 35 pounds of milk a day. There were also 11 of her daughters and granddaughters in the herd as well as a young son born last May.

"Mr. Cameron started as a breeder seven years ago with four cows. He raised every one of the animals I bought except these four cows and he has sold all the male calves keeping only the choicest heifers. It is unnecessary to say that he was well repaid for his efforts. His breeding operations developed from a small beginning into a very profitable business. His foundation herd came from the Dimoc farm and he has used the best of judgment in selecting every sire he has bought."

Mr. Hildebrand is showing his Holsteins at the Nebraska State Fair and the bull whose picture is given below is at the head of the show herd. This is a son of Minita Ethel Schwiling 2d, a 24-pound three-year-old with a semi-official record of 631 pounds of butter in one year. He is a grandson of Sir Korndyke Hengerveld De Kol who has 33 A. R. O. daughters, several with records of better than 30 pounds, and who is a son of Hengerveld De Kol, who has 116 A. R. O. daughters with 10 above 30 pounds. This bull's granddam on the sire's side is Daisy Mercedes De Kol Ormsby who has a 22-pound record in seven days and a yearly record of nearly 700 pounds of butter.

On the dam's side Sir Korndyke De Kol Schwiling is a grandson of Sir Pietertje Ormsby Mercedes who is the sire of the world's record four-year-old Queen Piebe Mercedes whose milk record is 30,230.20 pounds and whose butter record is 1,389.45 pounds.

Sir Korndyke De Kol Schwiling is a remarkably excellent individual and well worthy of a position at the head of this herd.



Sir Korndyke De Kol Schwiling, the Holstein-Friesian bull at the head of the pure-bred herd owned by D. M. Hildebrand, of Nebraska.

IOWANA HOLSTEINS.

Iowana Holsteins, Tuberculin Tested, is the title of a thoroughly attractive little eight-page folder put out by the Iowana farms of Davenport, Iowa. This is illustrated with about two dozen pictures of the individuals and groups at the farms. The Iowana plant is one of the most attractive breeding centers in the middlewest. It is a plant that is established on a thoroughly business basis and is built with the idea of satisfying the demands far in the future. In other words every process of breeding is with a keen regard to future generations of breeders as well as stock.

The herd is headed by Sir Johanna Fayne whose picture appeared on the front cover of a recent issue of the World and he is proving wonderfully prepotent as a producer of profitable daughters. The junior herd sire is Oak De Kol Ollie Homestead whose dam is the wonderful cow Ollie Watson Prima Donna with a record of 31.10 pounds of butter in seven days. She was also a cow of wonderful individuality and has attracted a great deal of attention and favorable comment from breeders and judges. The plant is equally famous for the record and individuality of the herd.

The plant is owned by Colonel G. Watson French who is vice president of the National Association of Holstein-Friesian Breeders.

THE CATTLE CONGRESS HOLSTEIN SALE.

The 4th annual sale held by the Upper Iowa Holstein-Friesian Breeders Association will occur October 4th and 5th, 1916, at the Dairy Cattle Congress grounds, Waterloo, Iowa. This is during Dairy Cattle Congress week and it will prove an especially attractive event for visitors at the show.

A committee from the association has gone over the cattle consigned very carefully and the entries will be thoroughly up to standard. There will be official and semi-official records and the pedigrees will show much that is decidedly attractive to the prospective purchaser. The grades that will probably be offered on the first day of the sale will be equally high in their type.

The sale will be held at the new sale barn which is being erected on the Cattle Congress grounds by the Iowa Dairy Cattle Breeders Sales Barn Company. Remember the dates, October 4th and 5th.

THE CENTRAL OHIO ASSOCIATION.

The Holstein-Friesian breeders of central Ohio have recently organized for the greater development and progress of the breed in their community. The association covers several counties, the headquarters will be at the Houston Bank at South Charleston and the president of the association is F. B. Houston; the vice president, J. J. Halliday; secretary-treasurer, L. P. Rupright.

The real purpose of the association may well be voiced in the slogan suggested elsewhere, "Holsteins on Every Farm." The campaign for the purpose of realizing this aim will be carried on energetically and enthusiastically.

MONTANA GETS MORE HOLSTEINS.

The Bitter Root Holstein Company of Corvallis, Montana, recently purchased two carloads of registered Holstein cows from the Tyson-McKeelheer herd at Moxee, Washington. This transaction involves a sum of $11,000, an average of $300 per head.

The herd includes a bull from Todd & Sons in the Ahtauum and every one of the 39 animals has a registered pedigree and some of them excellent milk and butter-fat records.

The purchase was made by Messrs. Edes and Jennings. The herd will be retained by the company and will be a valuable addition to the recently formed Bitter Root Cow Testing Association, of which Mr. Edes is a director. At Corvallis, also, is located the largest cheese factory in the state, which will furnish a splendid market for the entire output of the herd.

Included in this shipment is Homestead Burke with a seven-day record of 585.5 pounds of milk, together with a heifer, Moxee Tuebie De Kol, with a seven-day record of 426 pounds of milk; a third, Moxee Cornucopia De Kol, with a seven-day record of 417 pounds of milk. A number of other record-holders are included in the shipment.

The owners of Glenview Ranch, F. M. Edes and E. E. Jennings, are to be congratulated on their selection of such a promising foundation herd. This is probably the largest shipment of purebred dairy cattle ever brought into Montana and marks another step in the advancement of the dairy in-

$750 Son of Colantha Johanna Lad from Dutchland Rag Apple $750

Colantha Johanna Lad is recognized as having the largest number of 30-lb. daughters of any bull of the breed whose records are made upon a normal per cent of fat—that is, around 4 per cent—and no other bull has an equal number of daughters that have either made 30 lbs. of butter in the seven days or given 600 lbs. of milk, and the fact that his first 10 daughters to enter the yearly test made average records of nearly 20,000 lbs. of milk at an average age of a little over three years, shows their unusual staying qualities and probably no family has such uniform individuality or carries such nice shaped udders.

Dutchland Rag Apple made, last year, a record of 18,884 lbs. of milk and 854.15 lbs. of butter, and after completing the year's test, she made, at last calving, over 26 lbs. of butter in the seven days. Her dam was by Inka Princess Canada Prince, a cow of unusually large production and one of the finest individuals we have ever owned.

This bull we can recommend, combining, as he does, the blood of Colantha Johanna Lad through one of the best daughters of Dutchland Sir Pontiac Rag Apple and Inka Princess Canada Prince. Individually he is one of the very best, light in color, well grown, and we feel sure would please you. For immediate acceptance we are offering him at $750, f. o. b. the cars. Born March 15, 1916.

We have other sons of Colantha Johanna Lad from $400 to $1,200, and a few good values in sons of Dutchland Creamelle Korndyke Lad from large producing dams.

REMEMBER WE ARE BREEDERS AND NOT DEALERS

"The Home of Producing Dams"

FRED F. FIELD HOLSTEIN CO.

DUTCHLAND FARMS Montello Station BROCKTON, MASS.

dustry in the Rocky Mountains.—G. L. Martin, Dairy Husbandry Department, Montana State College, Bozeman, Montana.

KANSAS BREEDERS MEET.

The Holstein-Friesian Breeders' Association of Kansas holds its next meeting October 7th at Manhattan. This is the seat of the agricultural college of Kansas and the meeting will inevitably prove of very decided benefit to all who attend. The association is undertaking a campaign of progress that will doubtless do much to spread the popularity of the Holstein cow throughout the Sunflower state.

THE IOWA SALE BARN.

A company of breeders has been formed to build a sale barn at the Dairy Cattle Congress grounds. This barn is to be available for cattle sales any time during the year. It is to be equipped to accommodate 250 head of stock and will be suitable for the sale of either beef or dairy cattle and if there should be a demand it may be used for hog sales.

Shipping facilities have been provided, a special track being built directly to the barn so that one may lead the cattle from the stall to the car and transfer can be made to any road in Waterloo. There have been a number of sales held at the Dairy Cattle Congress and two will be held in this barn this year. The movement is thoroughly commendable, it will do much to establish a better dairy cattle market in Waterloo—a thing that is quite well under way at the present—and it will help to make this a more popular Holstein-Friesian center.

THE UPPER IOWA SALE.

In speaking of the sale which will be held at the Dairy Cattle Congress grounds Mr. Gleim, the manager, says: "Our 1916 sale looks like the best thing we have ever attempted. Our grades are outstanding, containing as they do the complete dispersion of one herd. Mr. Ball has spent upwards of 10 years in building up his herd and has spared no care in making it the best that he possibly could. He has never had a female that with second calf, under ordinary care and milked but twice daily, has not given as high as 50 pounds of milk in a day.

"Consignors of purebreds include the Cass Farm Company, the W. O. Gleim Holstein Company, Edward Eitel & Son, Myron E. Talcott, J. P. Wilson, P. P. Stewart and many others of equal prominence, and they are offering the best that Upper Iowa has even placed before a sales audience. We suggest that prospective buyers send at once for a catalog which will give them the information desired concerning these cattle."

A COMMERCIAL HERD.

Geo. H. Sanborn of Iowa was a recent caller at the World office. Mr. Sanborn is producing market milk for the city trade in Des Moines. This is sold on the butter-fat basis, however, and brings 50c per pound of butter-fat during the six months beginning with September and 40c per pound during the other six months of the year. Mr. Sanborn is buying more cows and he finds the herd of 40 which he is now milking is exceedingly profitable, consequently he is contemplating an increase in the size of the herd. As these cows are kept for commercial purposes entirely grades only are used.

The Fair, whether it be state, county or district, deserves your hearty support. It can be made of very great value to you as a breeder.

Hobart W. Fay

MASON, MICH.

Been Breeding Better Holsteins Since 1904

Treat Every Cow with

Hood Farm Breeding Powder

Every day for twenty-one days before service, and every day for twenty-one days after service, and you will have very little trouble from **Abortion, Failure to Breed or Retained Afterbirth.**

Write for prices and particulars, mentioning this paper.

C. I. HOOD CO., Lowell, Mass.

I Have a 3 1-2 Ton Auto Truck

which I would like to exchange for Holstein cows, or would rent from eight to 10 head.

F. B. D. Gouverneur, N. Y.
St. Lawrence Co.

LOOK HERE GENTLEMEN!

Willowdale offers a fine 3-year-old daughter of Manor Belle Johanna, a grandson of the famous sire, Sir Johanna De Kol, the sire of Johanna De Kol Van Beers, 40.7 pounds butter in 7 days. Registered and transferred, $175.

Heifer Calf, born June 17, 1916, from the above mentioned cow and sired by a son of a bull which carries 100 per cent of the same blood as the King of the Pontiacs, also

Bull Calf, born May 8, 1916, sired by a grandson of Admiral Walker Pietertje, 56 A. R. O. daughters, three 30-lb. daughters. Sire's dam, 31.76 lbs. butter, milk 618 lbs., 106 lbs. in a day. Dam, a fine individual, granddaughter of the famous century sire, Paul Beets De Kol. Both calves are well grown, nicely marked and fine individuals. Price $200 for the pair. Registered. Transferred and Express Paid to your station.

W. B. JEWETT Evans Mills, N. Y.
Willowdale Stock Farm

Auray Farms

We have but three sons of **King Segis Pontiac Clorinda** left from our entire spring crop. They are not quite ready to ship (we guarantee safe delivery), but if you want a really good utility bull of the breed's best blood, at a price, better write us before they are engaged.

We call particular attention to a **double great grandson of King of the Pontiacs,** bred from one of our largest, best looking and most promising young cows—a daughter of **King Pontiac Calypso.** She made at 2 years 16.70 lbs. butter and 355 lbs. milk, 3.8 per cent, and last year at 3 years 21.25 lbs. of butter and 423 lbs. milk, 4 per cent. Her sister, K. P. C. Jane, recently completed 31.78 lbs. and this one looks every bit as good.

Priced at $175.00

Also to the

First Son of King-Lyons Fayne

our young King Lyons-King Fayne Segis bull. This calf gives promise of developing into a very perfect individual and we are greatly pleased with his sire's first showing. The dam is a 14-lb. 2-year-old daughter of our De Kol 2d bull, Mutual Pietertje Paul, and the second dam a 28-lb. daughter of **Sir Pontiac King Segis** and sister of **Segis Pontiac Kioka,** 32.09 lbs.

Introductory Price $125.00

Auray Farms

F. M. AVERY I. M. AVERY
Manager

Sparta, Sussex County, N. J.

HEIFER AND BULL CALVES

Heifer calves, $100 to $125 each while young. Bull calves, $50 to $100 each.

Sired by a $3,000 son of King Segis Pontiac Alcartra, the $50,000 bull, and a $2,000 32.42-lb. son of Colantha Johanna Lad—the world's greatest bull.

Dams of calves are fine large cows, weighing from 1,200 to 1,600 lbs. each, milking from 60 to 90 lbs. per day. Many have A. R. O. records. Herd tuberculin tested. Express prepaid. Pleased customers our motto.

C. C. FORTNAM Tyler Hill, Pa.

For More Milk and Butter use

Schumacher Feed

The QUAKER OATS CO
Chicago, Illinois.

Every Breeder Would Like a Calf Sired by KING DOLLAR

We've told you of the wonderful breeding of this young sire—his two nearest dams averaging 41.11 lbs. butter in 7 days and 162.22 lbs. butter in 30 days, and his three nearest dams (all different cows) average 37.12 lbs. butter in 7 days and 147.9 lbs. in 30 days.

His sire is Spring Farm Pontiac Cornucopia, whose dam is K. P. Pontiac Lass (44.18). His dam is Pontiac Lady Korndyke (28.03).

We will accept a few approved cows for service to this bull at $200. Here is your chance to get a fine calf.

STEVENS BROTHERS CO., Liverpool, N. Y.

WESTERN WASHINGTON SALE. A. B. Winter, secretary-treasurer of the Western Washington Holstein Breeders' Association, announces that their next sale will be held at Mt. Vernon, Wash., November 15th. This is a splendid opportunity for buyers in the west, for some of the breeders who consign are men of national reputation in Holstein-Friesian matters. Further advice relative to this sale will appear in subsequent issues of the World.

The quotations that are of special interest to the dairymen indicate that the man who is going to have fresh cows this fall will be fortunate indeed.

Sons of Herd Sire

UNEEDA KORNDYKE ABIGAIL BOY 102287

He is son of the 33-lb. cow, Uneeda Korndyke Abigail, "Best cow owned in the herd of John Arfmann." She is daughter of the 40-lb. bull, Johanna McKinley Segis, son of King Segis.

Offer No. 1—Bull born in June from a 24½-lb. cow.

Offer No. 2—Bull born in March from a 20-lb. cow.

Also a number of younger cows.

HENRY ANTHES **JEFFERSON, WIS.**

175 Head

Bred by the Man That Sells Them

The BLUE LABEL HERD to be Sold

October 4th and 5th at Winslow, Ill.

were nearly all bred by their owner, Fred J. Karlen.

41 over 20 lb.

In this splendid herd there are 41 animals with seven-day records above 20 lbs. butter.

Thirteen daughters of 30-lb. cows.

Three 29-lb. cows, one a three-year-old and two four-year-olds.

Three 26-lb. cows. Five 25-lb. cows.

Five 24-lb. cows. Two dozen 20-lb. heifers.

41 over 20 lb.

Four great 30-lb. cows, including a 33-lb. three-year-old.

A three-year-old bull from a 31.9-lb. four-year-old.

A six-months bull by the 36-lb. bull from a 33-lb. three-year-old.

Several young bulls by 33-lb. or 36-lb. sires from good record heifer daughters of 30-lb. and 33-lb. cows.

41 over 20 lb.

And the herd sire, **King Alcartra De Kol Pontiac.** He by the $50,000 bull, King Segis Pontiac Alcartra, from the former **World's Champion** three-year-old, **Lady Tobe De Kol,** 36.59 lbs. butter in 7 days, 141.24 lbs. in 30 days. Both world's records at time of making. Her dam, 31.66 lbs.

Tuberculin tested. All certificates of registry right at the settling desk.

You can get your papers when you pay for the cattle you buy.

Write for your Catalog today and mention this paper.

FRED J. KARLEN, Proprietor, Winslow, Ill.

HOLSTEIN SALES COMPANY, Catalog Compilers, Elgin, Ill.

175 Head

41 over 20 lb.

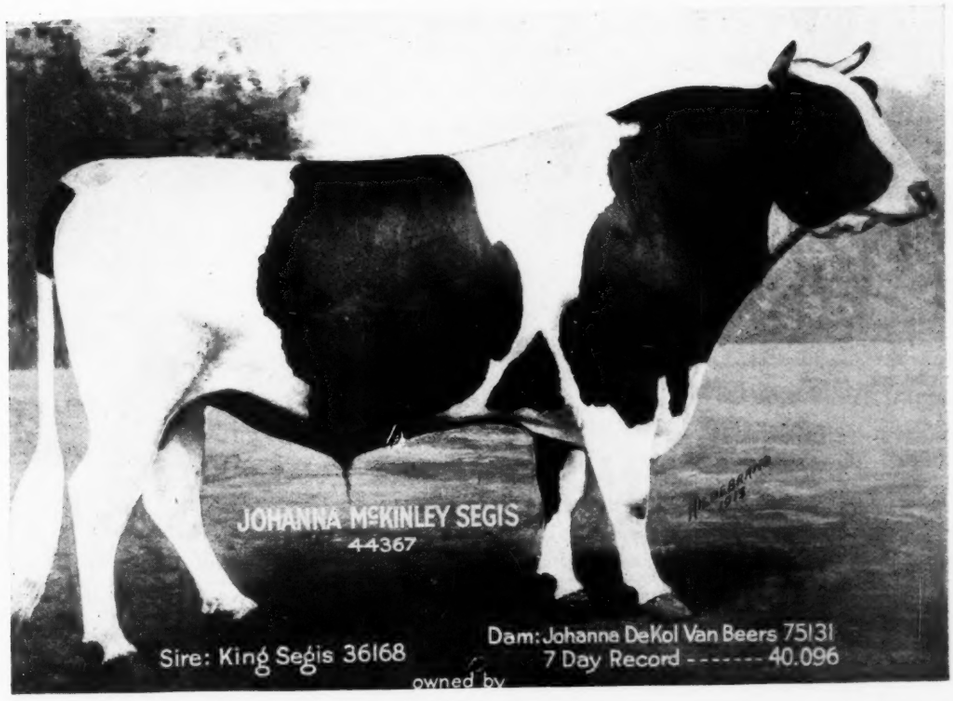
41 over 20 lb.

41 over 20 lb.

175 Head

Best Son of Famous King Segis

Our Senior Herd Sire



Johanna McKinley Segis

The best son of the famous King Segis and the 40-lb. cow, Johanna De Kol Van Beers, who has held the world's 120-day record for a number of years with 541 lbs. butter.

He is a sire of wonderful conformation and transmitting ability as is shown by his fine list of Advanced Registry daughters and sons; this list now comprises 33 tested daughters—one with a record of over 33 lbs. butter in seven days; twelve others with records of from 20 to 29 lbs. butter in a week. His eight Advanced Registry sons have a fine list of daughters, one having a 30-lb. butter record at the age of 2½ years—a world's record at time of test.

He is a brother to ten 30-lb. cows, and to the sires or dams of over thirty cows with records of from 30 to 40 lbs. butter in seven days.

CARNATION STOCK FARMS are under contract with the United States Government, Bureau of Animal Industry; this means that all animals are free, and will be kept absolutely free, from diseases sometimes found among cattle. With this policy of federal inspection and the high quality of our foundation stock, we are able to offer for sale, **young stock with their health and breeding guaranteed.**

Visitors and Correspondence Invited

Carnation Stock Farms

Registered Stock For Sale

Eastern Farm
Oconomowoc, Wis.

General Offices
Stuart Bldg., Seattle, Wash.

Western Farm
Tolt, Wash.

Blue Book

Every Holstein-Friesian Breeder Needs the Blue Book to Aid Him in Making His Breeding Operations Successful.

Have you subscribed for the 27th volume? You can not afford to be without it. All experienced breeders consider the book indispensable in tracing the breeding and relationship of A. R. O. animals. The 27th volume will be ready for distribution about November 1, 1916. It will contain over 1,200 pages of condensed information relating to Holstein-Friesian cattle, including the whole Advanced Register of last year. The official name of the book is Advanced Register Year Book, and the price is $2.00 per copy to all alike. A limited number of copies of the 24th, 25th and 26th volumes is yet on hand. Be sure to designate which volume you want, and send all applications with price to

M. H. GARDNER, Supt. A. R.
Delavan, Wis.

HILDEBRAND
Live Stock Photographer

Years of experience, specializing in live stock photography, are responsible for the unequalled results obtained by me in this class of work.

For work east of Syracuse, N. Y., address New York office; for work west of Syracuse, address Chicago office.

R. F. HILDEBRAND
124 West 55th St. - New York City
—or—
UNION STOCK YARDS
Chicago - - - Illinois

Serviceable Age

I offer choicely bred bull calf, 10 months old. This calf is large sized for his age and tuberculin tested. Price reasonable.

JULIUS LINDSTEDT
Office Opposite Court House
MANITOWOC WISCONSIN

River Valley Stock Farm

Grandsons and granddaughters of King of the Pontiacs by herd bull, Sir Genie Pontiac, from A. R. O. dams.

These calves are beauties and priced right.

JOHN DEHMLOW Algonquin, Ill.

Six yearling granddaughters of King of the Pontiacs for sale:

One from a 15.3-lb. three-year-old; one from a 17.145-lb. three-year-old; one from a 16.577-lb. three-year-old; one from a 15.90-lb. cow. The other two dams haven't been tested.

WALTER M. BUCK,
Warsaw, N. Y.

WYOMING
"MILE HIGH" HOLSTEINS

Bull calves out of half sisters to "Finderne Pride Johanna Rue" and sired by a bull whose dam has 75 per cent same blood as the sire of "Duchess Skylark Ormsby." Here is a chance for world's record blood at bargain prices.

SHOSHONE STOCK FARM, CODY, WYO.

The Calf Advertised at $300 Has Been Sold

We offer another bull calf, born June 13, 1916. Dam's record 22.34; a sure 30-lb. cow. Sire's dam, 7 day record, 30.596 lbs., with 1,678 for the year. A dandy individual, 15/16 white. Priced $150. Write

C. C. FRIES & SON
Richland Center Wisconsin

The Iowa State Fair

(Continued from page 2022.)

on Roberts Abbekerk Pontiac; 2d, Iowana Farms on Iowana Burke Fayne; 3d and 4th, Galloway-Messer Farms on King Segis Johanna Ormsby 2d and Korndyke Pontiac Ormsby; 5th, Baird Bros. on Farsee Sir Segis Hengerveld.

Bull, junior calf: 1st, Galloway-Messer on Skylark Pontiac Bettina; 2d, R. E. Haeger on King Segis Pontiac Isaac; 3d and 4th, Baird Bros. on Nockdair Segis Fobes Boy and Nockdair Segis George.

Cow four years or over: 1st, 2d and 3d, R. E. Haeger on Beulah Shepard Empress, Princess Hengerveld 4th and Minerva Beets; 4th and 5th, Galloway-Messer Farms on Fay Jewel Beauty and Marie Hengerveld De Kol.

Cow three years and under four: 1st, Galloway-Messer Farms on Jewel Walker Gerben of Cedarside; 2d, Haeger on Mahomet Orma Butter Girl; 3d, U. S. Indian School on Lady Abbekerk Golden 2d; 4th, Baird on Nockdair Segis Prairie Flower.

Heifer two years, under three: 1st, Haeger on Aconeth Lady Hengerveld; 2d, Galloway-Messer Farms on Buffalo Portia Dolde; 3d, Baird Bros. on Nockdair Segis Netherland Prize; 4th, Chas. Van der Schaaf on Queen of Enterprise Stock Farm; 5th, R. E. Haeger on K. S. P. Spofford Beets.

Heifer, senior yearling: 1st and 3d, Iowana Farms on Iowana Pauline and Iowana De Kol Star; 2d and 5th, Galloway-Messer Farms on Nellie Segis Pontiac and Lady Winters Segis; 4th, R. E. Haeger on K. S. P. Lillian Beets.

Heifer, junior yearling: 1st and 2d, Iowana Farms on Iowana Fayne Julia and Princess De Kol Dollie; 3d, R. E. Haeger on Nancy Calamo Korndyke; 4th and 5th, Baird Bros. on Nockdair Segis Valentine and Nockdair Segis Korndyke Lottie.

Heifer, senior calf: 1st, J. M. Chestnut & Sons on Wayne Bonheur De Kol; 2d, Iowana Farms on Johanna Fayne Claribel; 3d and 5th, Baird Bros. on Nockdair Segis Longfield Gem and Nockdair Segis Goldbron; 4th, Galloway-Messer Farms on Jewel Walker Segis Pontiac.

Heifer, junior calf: 1st, Galloway-Messer Farms on Eudora Segis Pontiac; 2d and 3d, Iowana Farms on Jessie Oak Fobes Mooie and Leah Watson Fobes Mooie; 4th, Haeger on Tantalus Calamo Korndyke; 5th, Baird Bros. on Nockdair Segis Gelsche.

Senior and grand champion bull: Galloway-Messer Farms on King Segis Johanna Ormsby.

Senior and grand champion cow: Galloway-Messer Farms on Jewel Walker Gerben of Cedarside.

Junior champion female: Iowana Farms on Iowana Pauline.

Junior champion bull: Dr. David Roberts on Roberts Abbekerk Pontiac.

Graded herds: 1st, Galloway-Messer Farms; 2d and 3d, Haeger; 4th, U. S. Indian School; 5th, Van der Schaaf.

Young herds: 1st, Iowana; 2d, Galloway-Messer Farms; 3d, Haeger; 4th, Baird; 5th, U. S. Indian School.

Calf herds: 1st, Iowana; 2d, Galloway-Messer Farms; 3d, Haeger; 4th, Baird; 5th, Chestnut.

Produce of cow (two): 1st, Iowana; 2d, Galloway-Messer Farms; 3d, Haeger; 4th, Chestnut; 5th, U. S. Indian School.

Get of sire (four): 1st and 4th, Galloway-Messer Farms; 2d, Iowana; 3d, Haeger; 5th, Baird.

THE OHIO STATE FAIR.

The 66th Ohio State Fair closed its gates on September 1st. The attendance had been a record one, the weather had been very propitious and the State Board of Agriculture, especially the secretary, Mr. Stauffer, and the manager, Mr. Kinnan, are to be congratulated upon the wonderful success all along the line of this event.

The people over in Ohio have a tendency of getting together and talking things over in a most friendly and confidential manner. The fair is a great meeting ground for the real practical farmers from all sections of the state and one could not wander around the grounds very extensively without being impressed with the friendly feeling of neighborliness that is seen everywhere. From a livestock standpoint the fair was thoroughly representative and that means

Sherburne Breeders

NEWTON FARMS

The home of King Veeman De Kol 36819. 58 A. R. O. daughters. His six best daughters average 30 lbs. Bull calves for sale from A. R. O. dams. Send for pedigrees.

R. P. Kutschbach & Son Sherburne, N. Y.

Holstein Bull

Born April 30, 1915; ready for service; three-fourths white. First class individual in every way; well grown. His sire is a son of King of the Pontiacs from a 29.9-lb. 4½-year-old cow. Calf's dam made 18 lbs. at just three years. Her sire is son of the 35-lb. cow, De Kol Queen La Polka 2d, the only cow with three milk records above 800 lbs. in seven days. The dam's dam is a 20.6-lb. 3½-year-old, whose next two dams are both 25-lb. cows and full sister made 28.8 lbs. The eight nearest dams of this calf have seven-day records that average 26.11 lbs. of butter and 3.94 per cent fat. Write for pedigree and price.

HARRINGTON SISTERS.
M. T. Bryant, Mgr. Sherburne, N. Y.

Westend Stock

FOR SALE—Bull Calf, born January 21, 1916. Nicely marked, large and straight—a fine individual. His sire is by King of the Pontiacs and a 29-lb. four-year-old. His dam is a 23-lb. daughter of Lilith Pauline De Kol's Count. Price $100. Write for pedigree.

BERT J. BUTTS Sherburne, N. Y.

If You Are Interested

in a good A. R. O. son of Tidy Abbekerk Prince, write at once for price, pedigree and photograph.

HENRY LATHROP & SONS
Sherburne - - New York

BULL CALF READY FOR SERVICE AT FARMER'S PRICE

This calf is a grandson of **YPSILAND SIR KORNDYKE DE KOL**, the sire of nine A. R. O. daughters. His grandam is the wonderful cow, **PONTIAC DE NIJLANDER**, who has a record of 35.43 pounds of butter in seven days. She is the only cow that has ever made a 30-pound three-year-old record and has increased all her milk and butter production for seven and 30 days each of the two following years.

The dam of this calf is a daughter of **OAKHURST MILK AND BUTTER KING ARTIS**, he a son of **MILK AND BUTTER KING**. The calf is a fine individual and well marked. For prices and further particulars, address

ALBERT G. WADE,
1770-80 Old Colony Bldg., Chicago, Ill.

BED WITH BALED SHAVINGS

CLEANEST CHEAPEST } Bedding

Best Absorbant
Lowest Prices Now

Write

OSCAR SMITH & SON
42 State Street ALBANY, N. Y.

You Can Secure

An Exceptionally Fine Herd Sire

We have to offer at the present time some exceptionally fine sons of our herd sires. We have some fine individuals and they are from some of our best females.

There are some good youngsters by

King of the Pontiacs

and the best authorities place him as the most wonderful sire of the present day.

There are some top-notchers by

"IT"

from daughters of **King of the Pontiacs.**

We have told you in our ads about these wonderful bulls—their breeding needs no comment.

Write us for special prices on these young bulls—
we will send you pedigrees of our offerings.

Stevens Brothers Co.

Liverpool, New York

Tioga County Breeders Second Annual Sale

Wellsboro, Pa.

OCTOBER 18, 1916

Sale will be Held in Carson's Sale Stables

WATCH FOR FURTHER ANNOUNCEMENTS

Sale Under Management of

LIVERPOOL SALE & PEDIGREE CO., Inc.
LIVERPOOL, N. Y.

that there were kings and queens of every type of farm animals for some of the greatest breeders of all of the groups of farm stock are to be found in this state.

—

A stock judging contest was held but only the students enrolled in regular courses of the college of agriculture were eligible and naturally the class was small.

—

Ohio is a state that is unique in that the herds owned by the state institutions are entered in the various contests. This year the State Board of Administration entered seven dairy herds in the show ring. These cattle were placed just the same as any other competing individuals but received no prize money as there would inevitably be comments if such a plan were not followed.

Naturally the readers of the World are interested in the Holstein-Friesians. Only two herds were left to contest the prize money and one of these was a herd from outside the state. It's an unfortunate thing when as great a state as Ohio from the standpoint of Holstein-Friesian cattle cannot stir up greater enthusiasm along these lines. Perhaps it is necessary for the premiums to be increased a little, or perhaps the trouble is due to lack of advertising.

The exhibitors were C. M. Bottema of Indianapolis, Ind., and F. M. Ryder of Hiram, Ohio.

G. W. Rising, one of the best known breeders in the state, was the judge and he distributed the prizes. Bull classes above the two-year-olds were not filled so that the awards were as follows:

Two-year-olds or over: 1st and 2d, C. M. Pottema on King Belle Segis and Ideal De Kol Pietertje; 3d, F. M. Ryder on Prince Grove Paul.

Senior yearlings: 1st, Ryder on Forest City Korndyke Prince.

Senior bull calves: 1st and 2d, Bottema on Zeldenrust Hartog Segis and Zeldenrust Mechthilde Segis; 3d, Ryder.

Junior bull calves: 1st and 2d, Bottema; 3d and 4th, Ryder.

Senior and grand champion bull: Bottema on King Belle Segis.

Junior champion: Ryder on Forest City Korndyke Prince.

Aged cows: 1st and 3d, Ryder on Minkie DeVries Kruger and Dossil DeVries; 2d and 4th, Bottema on Johanna De Kol Wayne and Sadie Pontiac Segis.

Two-year-olds: 1st and 3d, Ryder on Hilltop Forest City Maid and Hilltop Lucy Pon-

Dairy Cattle Congress

OCTOBER 2-8, 1916

One Thousand Dairy Cattle

Special Holstein Days.

The judging of Holsteins will take place October 4th, 5th and 6th. Plan now to attend and see the greatest showing of Holstein cattle ever staged.

Cow Testing Association Demonstration.

Iowa State Dairy Convention

$1875
Cash Premiums
HOLSTEINS
Five Valuable Trophies

Extensive Machinery Exhibit

Each Day a Big One.

The programs of the Dairy Association, the Pure-Bred Sire Demonstration, the Cow Testing Association programs, the Cattle Judging, Butter Exhibit, Market Milk Contest, Student's Judging Contest and Amateur Dairy Cattle Judging work will occupy to good advantage every minute of your time during the week.

Modern Working Creamery.

Large Pure Food Show

The Thousand-Feature Show

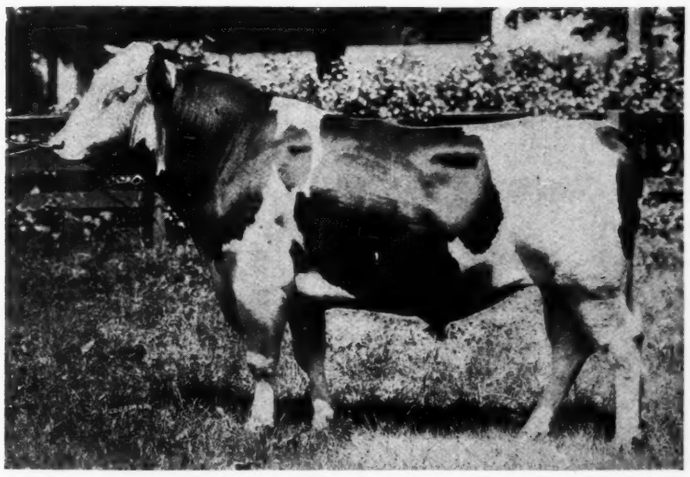
WATERLOO, IOWA

This Is to Remind You, That the Daughters of

King Korndyke Sadie Vale

Are Still in the Lead

No Other Sire Has Ever Produced nine 2-yr-old daughters as great



KING KORNDYKE SADIE VALE

His first nine average, at 2 years 5 months—butter, seven days, 23.73 lbs.
Following is his entire list to freshen to date:

K. K. S. V. Cora, 2 yrs. 2 mos.....26.62
K. K. S. V. Edith Veeman, 2 yrs. 7 mos..26.29
K. K. S. V. Kate Pontiac, 2 yrs. 5 mos...26.15
K. K. S. V. Lola Hengerveld, 2 yrs. 10 mos. 23.25
K. K. S. V. Topsy, 3 yrs. 24.10
K. K. S. V. Florence Veeman, 2 yrs. 0 mos. 22.29
Daisy Veeman Sadie Vale, 2 yrs. 2 mos..22.05
K. K. S. V. Mabel Veeman, 2 yrs. 9 mos..21.55
K. K. S. V. Bessie, 1 yr. 11 mos. 21.31

No other sire ever approached this showing for the first nine daughters.

No other sire that ever lived has three two-year-old daughters each above 26 lbs., at an average age of less than 2½ years.

No other sire, from the standpoint of breeding, can approach King Korndyke Sadie Vale. His dam, the only 41-lb. cow having a 38-lb. daughter, is herself a daughter of the first 30-lb. cow, Sadie Vale Concordia.

His sire, the only bull of the breed to have a 40-lb. four-year-old daughter, is a son of King Segis and Pontiac De Kol 2d, the first 37-lb. cow.

His three nearest dams, and a daughter each of his sire and dam, average 37.34 lbs.—an unapproached showing.

Few other sires are having the opportunity that is being given King Korndyke Sadie Vale. His young sons and daughters that are coming on will bear comparison with the get of any other sire—both with respect to individual promise and inherited transmitting power.

W. D. Robens
Pleasant Hill Herd
Poland, N. Y.

Joint Owners

Quentin McAdam
Brothertown Farms
Utica, N. Y.

Heifers Priced for Quick Sale

We are offering 10 choice heifers and one bull, ages from 10 months to 2 years. Some are sired by a 32-pound bull and some by a 28-pound bull. Write for particulars.

GRANT MILLER & SON, Waterloo, Iowa

ATTENTION

We must sell a part of our females before winter, as the barns will not hold them. We have all ages and can give you what you want. Come and see them. Notify either farm and you will be met at the station.

Crystal Springs Farm
G. SMITH & SONS
Seeleyville, Pa.

Knob Hill Farm
T. B. CLARK
Honesdale, Pa.

L. S. & P. CO.'S
Indianapolis Sale

INDIANAPOLIS, IND.

A Fine Lot of Cattle

Just the Kind You Are Looking For

OCTOBER 10, 1916

For Particulars Address
LIVERPOOL SALE & PEDIGREE CO., Inc.
LIVERPOOL, N. Y.

tiac; 2d, Bottema on Eli Clio Pietertje De Kol 2d.

Senior yearlings: 1st, Ryder on Hilltop Claribel Kruger; 2d and 3d, Bottema on Pontiac America 2d and May Hertog Soldene 2d.

Junior yearlings: 1st and 2d, Bottema on Grace Pietertje Pledge Clothilde 2d and Zeldenrust Fairfax 2d; 3d, Ryder on Hilltop Annabel.

Senior heifer calves: 1st and 2d, Bottema on Zeldenrust Queen Segis and Zeldenrust Segis; 3d and 4th, Ryder on Hilltop Queen Pontiac and Hilltop Minkie DeVries Pontiac.

Junior heifer calves: 1st and 3d, Ryder; 2d and 4th, Bottema.

Senior and grand champion female: Ryder on Minkie DeVries Kruger.

Junior champion: Bottema on Grace Pietertje Pledge Clothilde 2d.

Aged herds: 1st, Ryder; 2d, Bottema.

Young herds: 1st, Ryder; 2d, Bottema.

Calf herds: 1st and 2d, Bottema; 3d, Ryder.

Get of sire (four): 1st, Ryder; 2d and 3d, Bottema.

Produce of cow (two): 1st and 3d, Ryder; 2d, Bottema.

MINNESOTA STATE FAIR.

Minnesota has always been recognized as one of the leading dairy states. Her output of dairy products, more particularly butter, has kept her very near the front of all the leaders, and in fact she has proven herself a leader in many instances.

The Minnesota Fair therefore is a proper exponent of the dairy supremacy of the state. It is more than this, it is an exponent of everything agricultural for which the state is famous. And it is along this line that the state fair has grown to wonderful proportions.

Minnesota has been fortunate in holding the national honors for butter-fat producing Holsteins and as a natural consequence the eyes of the Holstein-Friesian World were turned upon that state in no uncertain manner during her fair. The entries were not so very different from those in Iowa. A few of the smaller breeders in the Hawkeye state did not go to Minnesota, but there were a number of Minnesota breeders who entered cattle to make up for these.

In view of the fact that the Holstein-Friesian World is giving these awards and comments as a matter of record our principal attention will be confined in this instance to the awards in detail.

The people over in Minnesota have a most excellent system of encouraging their own breeders by offering state prizes as well as prizes for herds that are open to the world. In the state list the awards are made according to the order in which the state herds are placed. For example, in one of the groups the first, second and third prizes were won by individuals in herds from other states than Minnesota. The fourth and fifth prizes were won by cattle in Minnesota herds. Therefore the cow winning the fourth prize, which is $5 in the open class, wins the first prize which is $8 in the state competition; and the individual winning fifth prize of $3 in the open class wins the second prize of $6 in the state class. This is a commendable practice and if it were more generally followed it would stimulate greater interest among the state breeders.

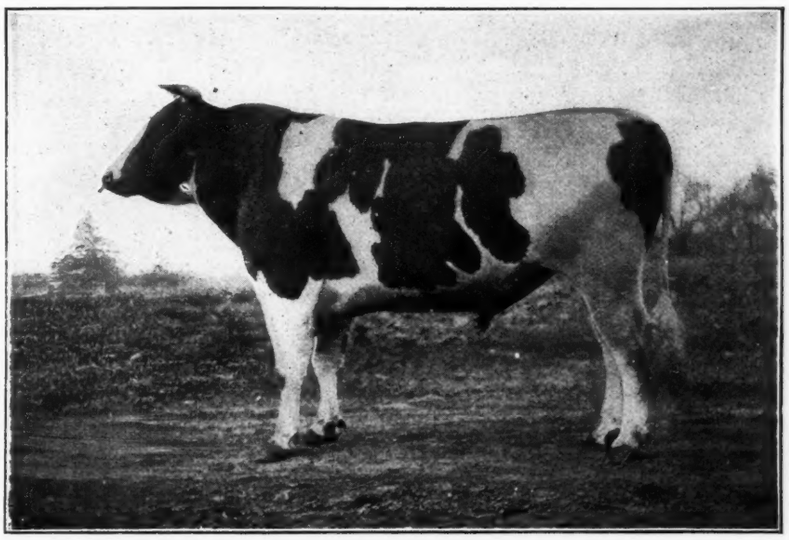
Following is the list of exhibitors: Baird Bros., Waukesha, Wis.; V. S. Culver, Stillwater, Minn.; H. L. Elliott, Hopkins, Minn.; Iowana Farms, Davenport, Iowa; Wm. Jeans, Withrow, Minn.; Kelly Bros, St. Paul,

Spring Farm Pontiac Cornucopia

IS THE SIRE OF

THE THREE 40-LB. BULLS

Champion Echo Sylvia Pontiac
King Dollar King Valdessa



Spring Farm Pontiac Cornucopia

MR. McALISTER

in his article in the WORLD of July 15th, points out the fact that the two nearest dams of King Valdessa average 43.03 lbs. of butter in 7 days; of Champion Echo Sylvia Pontiac 42.64 and of King Dollar 41.11—certainly

They Are Wonderful Bulls and They Are All Sons of Spring Farm Pontiac Cornucopia

AT SERVICE

We will accept a few more cows for service at a fee of $300 for cows with records up to 32 lbs., $400 for cows with records from 32 to 35 lbs., $500 for cows with records above 35 lbs.

WRITE US ABOUT SONS OF THIS BULL and also about CASH PRIZES OFFERED for records on his daughters.

F. M. JONES

CLINTON - - - NEW YORK

King Colantha Clothilde 3d 98849

Heads our herd. His six nearest dams, including one three-year-old, average 30.58 pounds. His sire, King Colantha Clothilde, was by Colantha Johanna Lad, the great son of the first 35-lb. cow, and from Abby Hartog Clothilde, the only 31-lb. cow having a 30-lb. four-year-old daughter that has a 30-lb. three-year-old daughter. The dam was from Mary Walker Pietertje (31.81 lbs.), the only 31-lb. cow having a dam with 32.9 lbs., and a daughter with over 31 lbs. The dam's sire is Beauty Pietertje Butter King, son of Beauty Pietertje (30.51 lbs.), who has a 30-lb. daughter with a 30-lb. daughter, and Clothilde Goudgeld Hugo, who has two 30-lb. daughters, each with a 30-lb. daughter and granddaughter.

We can offer several bull calves by this sire and all from officially tested dams at exceptionally low prices, as we need the room. Write for list.

FLOCK BREWING CO., Williamsport, Pa.

Coming Right Along

KING PONTIAC CANARY 78766

Has Thirty-eight A. R. O. Daughters

His Sire: KING OF THE PONTIACS
["Nuff Sed"]

His Dam: CANARY HARTOG DE KOL 26.60
[A Daughter of Canary Mercedes Alban with Thirty A. R. O. Daughters]

MAPLE HURST FARMS

LAMB & LANGWORTHY East Hamilton, N. Y.

CEDARSIDE HOLSTEINS

Headed by a $10,000 Bull, King Segis Pontiac Combination

If you want a good herd bull, why not get one of his calves from A. R. O. daughters of Hengerveld King.

C. A. NELSON, Waverly, Iowa

THE CHANCE OF A LIFETIME

The only herd in the country from which you can obtain daughters of Pontiac Korndyke and other world famous bulls.

150 COWS AND HEIFERS IN HERD

Here you can find all ages and prices. Must sell to make room for increase.

Clarence E. Parker **Mettawee Valley Farms** **Granville, N. Y.**

New Berlin Breeders

LOCUS STOCK FARM

Fellow Breeders Take Notice

A rare opportunity to obtain a herd bull. Grandson of Hengerveld De Kol out of granddaughter of De Kol 2d's Butter Boy 3d, with good A.R. O. backing. Eighteen months out. Well marked. Write for photo, pedigree, etc.

C. L. BANKS & SON **New Berlin, N. Y.**

Maple Lawn Stock Farm

has a few well bred cows for sale. They are bred to Brightview Sir Pietertje Segis, whose get are proving exceptional individuals. His sire is one of the best sons of King Segis out of a one-time world record daughter of Paul Beets De Kol. His dam is out of the same cow as Agatha Pontiac, A. R. O. 36.90 at 4 years, and has 28.42 A. R. O.

State wants.

ELMER TRAVER

New Berlin **N. Y.**

ALFALFA HAY

For A. R. O. Tests.

PIONEER FARMS

E. K. MUNRO **Camillus, N. Y.**

World's junior three-year-old milk record, 28.429 lbs. milk, 1,050 lbs. butter in 365 days. Bull calves for sale from her sons and half brother from tested dams—both sires from King Korndyke Pontiac Lass. Dams are half sisters to Creamelle Topsy Ormsby Tobe, our junior three-year-old. Others are daughters from a half brother to K. P. Pontiac Lass. They are this year's calves.

The BOYSON HERD, Rome, N.Y.

BULL BORN APR. 26, 1915

Sire, Hengerveld Homestead De Kol, whose three nearest dams average 644 lbs. milk and 30.49 lbs. butter in seven days. Dam of calf is a 25.41-lb. junior three-year-old daughter of Dutchland Colantha Sir Inka, the first son of a 30-lb. cow to have five 30-lb. daughters and eight junior two-year-old daughters with semi-official records above 630 lbs. butter at eight years of age. Calf is a good individual, about three-fifths white. Price, $400.

JAMES PHELAN, Forestville, New York

Only 2 Jr. 3-Yr.-Olds Tested

Segis Lyons Tehee .....25.42 lbs.
Dutch Comer Beauty Lyons .....24.73 lbs.

These are the records of Segis Lyon's 84592 oldest daughters. His younger ones are better and we have a few young bulls sired by him out of 25-lb. cows, at prices around $150 delivered.

JOHN J. WALRATH, E. Springfield, N. Y.

King Segis Patent Lock

Ear Tags, Bull Staff, and Rings

Decriptions and prices sent on application. 300,000 of these ear tags have been sold without adverse criticism. 500 of these Bull Staffs are used by the best breeders in the business.

H. A. NOYER **Syracuse, N. Y.**

UP-TO-DATE

Typewritten Pedigrees

Seventy-five Cents Each

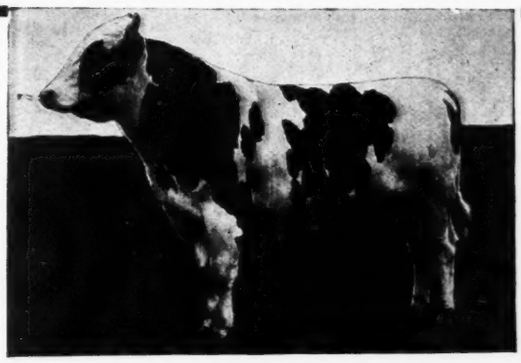
Sale Catalogs $2.50 Per Page

Give name and number of Sire and Dam of animals having numbers above 278175 in cows and 155860 in bulls.

F. G. JOHNSTON

37 W. Lane Ave. **Columbus, Ohio**

Finderne Pride Johanna Korndyke



One of the Greatest Young Bulls of the Breed

HE HAS WONDERFUL SEVEN-DAY AND YEARLY BACKING

This young bull has a wonderful future. His sire is destined to become one of the greatest sires that ever lived and is from a 30-lb. daughter of Pietertje Hengerveld's Count De Kol, whose daughters are noted as exceptionally large producers, while his sire's dam is the wonderful Pontiac Clothilde De Kol 2d (37.42).

The dam is one of the greatest producers that ever lived. At three years of age she made 31.06 lbs. butter in seven days and 121.45 lbs. in 30 days. At five years she produced 36.87 lbs. in 7 days, 139.96 lbs. in 30 days, and in one year, 1,470.59 lbs. butter from 28,407.7 lbs. milk, and at eleven months after calving, she produced 36.03 lbs. butter in 7 days and 147.05 lbs. butter in 30 days. (These latter two butter records are world's records, while her yearly butter record was a world's record when made and still stands second). **This Bull is Owned Jointly by**

C. L. AMOS and MELVIN & GODFREY, Inc.
Syracuse, N. Y. Baldwinsville, N. Y.

Sir Pietertje Ormsby Mercedes
AND YEAR RECORDS

The first daughter of **Sir Pietertje Ormsby Mercedes** to finish a year record was **Heilo Pietertje Ormsby Mercedes.** At just 18 months of age this wonderful heifer produced 620.4 lbs. butter in 365 days, making a **World's Record for That Age.** Since that time, daughters of this sire have continued to make extraordinary records as heifers. His oldest semi-official daughter is the great junior four-year-old

QUEEN PIEBE MERCEDES

Butter at 4 yrs. 4 mo..... 1,389.45 Milk 30,230.20

The World's Champion Junior Four-Year-Old for Both Milk and Butter
The World's Champion Over All Ages and Breeds for Combined Milk and Butter

Five Daughters at the age of 3 years and 4 months, average
Butter 365 days..... 1,013.58
Milk 22,139.50
This Average is Unapproached by any Other Sire.

Twenty-five tested under two and one-half years, average
Butter 605.34
Milk 13,598.80
Another World's Record Average.

In less than eight months on test, one daughter of **Sir Pietertje Ormsby Mercedes** has 924 lbs. butter and 22,282 lbs. milk. Several others will finish with records around 1,000 lbs. as two and three-year-olds.

If you are seeking a yearly record sire, you can do no better than getting a son of Sir Pietertje Ormsby Mercedes and one of our great yearly record dams. Write us for pedigrees and full particulars.

E. C. SCHROEDER **Moorhead, Minnesota**

SPRINGFIELD SALE

GREATEST
OF THE
SEASON

Follows Holstein Day at National Dairy Show

150 HOLSTEINS OF THE HIGHEST CLASS
INCLUDING HIGH RECORD COWS
SONS AND DAUGHTERS OF GREAT DAMS **150**

Consignments Include the Absolute Dispersal
of the Justly Celebrated

BELLE ELLEN HERD

SUSSEX, N. J.

Sixty head of the very highest type, purchased regardless of expense

LAWSON HOLDING CO., LaGrangeville, N. Y.

Many high record cows bred to the great King Segis Pontiac Alcartra

J. S. BRILL, Poughquag, N. Y.

Daughters of It, King of the Pontiacs, etc., bred to King Segis Champion

LOTHIAN RIVERODE FARM, Novelty, Ohio

High record cows bred to their great sire

E. C. BRILL, Stewartsville, N. J.

A choice consignment from the home of the 40-lb. 4-year-old

W. D. ROBENS, Poland, N. Y.

Includes the get of King Korndyke Hengerveld Ormsby and King Korndyke Sadie Vale

W. B. WHITLOCK, Warehouse Pt., Conn.

Daughters and granddaughters of 30-lb. cows

etc., etc.

ONLY THE CATALOG CAN TELL THE COMPLETE STORY
SEND FOR IT TODAY. ADDRESS

FASIG-TIPTON CO. MADISON SQ. GARDEN NEW YORK CITY

HAMPDEN COUNTY
FAIR GROUNDS

October 18-19

Minn.; Dr. C. H. Mayo, Rochester, Minn.; Dr. David Roberts, Waukesha, Wis.; Chas. Vander Schaaf, Sparta, Wis.; F. F. Caldwell and Neily H. Gray, Fergus Falls and Ashby, Minn.

The last two gentlemen entered Sir Pietertje Ormsby Mercedes 14th, a son of the famous Pietertje Ormsby Mercedes. This bull was in the aged bull class and he was entered thus because he is jointly owned by the two breeders.

The exhibitors led their cattle before Judge W. S. Moscrip of Lake Elmo, Minn., a man who is eminently fitted to serve in this capacity. If anyone questions Mr. Moscrip's ability or judgment he need only visit the Lake Elmo herd and he will find that the owner of this plant is a gentleman who practices what he preaches. You will find one of the most perfect groups of cattle from the standpoint of individuality and perfection of type that can be assembled in any one dairy barn.

The following is the list of the awards:

Bull three years or over: 1st, Dr. C. H. Mayo on Johanna Ondine Grahamholm Lad; 2d, V. S. Culver on Sir Ormsby Korndyke Mechthilde; 3d, Baird Bros. on Bairdland Segis Sir Prize.

Minnesota bull three years or over: 1st, Dr. C. H. Mayo on Johanna Ondine Grahamholm Lad; 2d, V. S. Culver on Sir Ormsby Korndyke Mechthilde.

Bull two years, under three: 1st and 3d, Iowana Farms on Colantha Dutchland Snowdrop and Iowana De Kol Fayne; 2d, Van der Schaaf on North Star Cornucopia Sir Beets; 4th and 5th, Wm. Jeans on Willow Ridge Korndyke Skylark and King Pietertje Ormsby Korndyke.

Minnesota bull two years, under three: 1st and 2d, Jeans on Willow Ridge Korndyke Skylark and King Pietertje Ormsby Korndyke.

Bull, senior yearling: 1st, Iowana Farms on Iowana Mercedes Homestead; 2d, Jeans on King Korndyke Colantha De Kol.

Minnesota bull, senior yearling: 1st, Jeans on King Korndyke Colantha De Kol.

Bull, junior yearling: 1st, Baird Bros. on Nockdair King Segis Perfection; 2d, Jeans on Willow Ridge Korndyke Veeman.

Minnesota bull, junior yearling: 1st, Jeans on Willow Ridge Korndyke Veeman.

Bull, senior calf: 1st, Dr. David Roberts on Roberts Abbekerk Pontiac; 2d and 4th, Baird Bros. on Farsee Sir Segis Hengerveld and Nockdair King Pontiac Segis; 3d, Dr. C. H. Mayo on Mercedes De Kol Grahamholm Lad; 5th, Jeans on Willow Ridge Skylark.

Minnesota bull, senior calf: 1st, Mayo on Mercedes De Kol Grahamholm Lad; 2d, Jeans on Willow Ridge Skylark; 3d and 4th, Culver on Far Oaks Sir Ormsby and Far Oaks Sir Korndyke Ormsby.

Bull, junior calf: 1st and 2d, Baird Bros. on Nockdair Segis Fobes Boy and Nockdair Segis George; 3d, G. G. Hartley on Count Paul Segis Pontiac; 4th, Culver on Far Oaks

King Korndyke Pontiac Lass

The $10,000 Son of K. P. Pontiac Lass

the only 44-lb. cow from a 34-lb. dam, is now at the head of the

IOWA BELLE HERD OF HOLSTEIN-FRIESIANS

If you want a herd sire with unparalleled breeding, send your high record cows to this bull. Here is the greatest opportunity ever put before Corn Belt breeders.

Write me for particulars.

C. S. MULKS, Riceville, Iowa

Upper Iowa Holstein-Friesian Breeders Association

Fourth Annual Consignment Sale

TWO BIG DAYS

October 4-5, 1916

Sale to be held during the 1916 Cattle Congress and on the Cattle Congress Grounds in the New Iowa Live Stock Sales Barn Co. Quarters

Grade Day, October 4th. On this day we will sell a number of very high class grades, including the complete dispersion of the splendid grade herd of W. J. Ball of Arlington, Iowa. This herd has been built up by careful selection and the use of purebred bulls representing the King Segis Pontiac and the Johanna and Korndyke strains. There are other grades offered that are very high class, most of them having Cow-test Association records of merit.

Purebred Day, October 5th. A high class offering of purebred females, including cows with semi-official and A. R. O. records, and a few purebred bulls from tested dams. In the male line, nothing will be sold that is from a dam that holds no record, and this assures you of a good stock to select from.

For catalog, ready about September 20th, address

HARRIE W. GLEIM, Mgr., Arlington, Iowa
or MYRON E. TALCOTT, Ass't Mgr., Fayette, Iowa
COL. D. L. PERRY, Auctioneer

YOUNG A. R. O. COWS AND HEIFERS FOR SALE

10 Bred to "KING KORNDYKE VEEMAN" 10

whose dam and sire's dam average 37.1 lbs. butter in 7 days and 149.5 lbs. butter in 30 days. He is sired by the 41-lb. bull, King Korndyke Sadie Vale, and his dam has a record of 33.1 lbs. butter in 7 days and is the greatest daughter of the great bull, Sir Veeman Hengerveld. All of his sisters on both dam's and sire's sides made over 20 lbs. as two-year-olds. Three of them over 26 lbs.

The only way you can get daughters of this great bull is to buy cows bred to him, as we will not sell any of his daughters that we own. The cows and heifers we offer for sale are nice individuals, of large size and are backed by large A. R. O. records. Write for particulars and price or come and see them.

WISCONSIN STAR STOCK FARMS, Edwin M. Schultz, Hartford, Wis.

Good Foundation Bunch

Bull calf, born April 11, 1916, whose three nearest dams average 31.61 lbs. His dam a 28.23-lb. granddaughter of De Kol 2d Butter Boy 3d; nicely colored, good individual.

Three heifer calves, born in January and February; nicely colored, good individuals and from well bred cows and sires. These calves are not related to the above bull.

Write for photos, pedigrees and exceedingly LOW price that will buy them. GET BUSY.

BACKUS BROS., Mexico, New York

Sir Ormsby Pauline; 5th, Jeans on Willow Ridge Skylark Burke.

Minnesota bull, junior calf: 1st, Hartley on Count Paul Segis Pontiac; 2d, Culver on Far Oaks Sir Ormsby Pauline; 3d, Jeans on Willow Ridge Skylark Burke.

Cow, four years or over: 1st and 5th, Van der Schaaf on Princess Inka Canary Dido and Queen of the Canarys' De Kol; 2d, Jeans on Lulu Pietertje Ormsby; 3d, Baird Bros. on Rose Barbetta Longfield; 4th, Culver on Buffalo Parthenea Skylark.

Minnesota cow, four years or over: 1st, Jeans on Lulu Pietertje Ormsby; 2d and 3d, Culver on Buffalo Parthenea Skylark and Queen Segis Hengerveld Model.

Cow three years, under four: 1st, Mayo on Mayowood Fernwood De Kol; 2d, Baird Bros. on Nockdari Segis Prairie Flower; 3d, Jeans on North Star Canary Beets.

Minnesota cow, three years, under four: 1st, Mayo on Mayowood Fernwood De Kol; 2d, Jeans on North Star Canary Beets.

Cow two years, under three: 1st and 2d, Baird Bros. on Nockdair Segis Netherland Prize and Nockdair Segis De Kol Violet; 3d, Culver on Pride Merelle of Hollanden; 4th and 5th, Van der Schaaf on Queen of Enterprise Stock Farm and Korndyke Enterprise De Kol Segis.

Minnesota cow two years, under three: 1st, Culver on Pride Merelle of Hollanden; 2d and 3d, Jeans on Willow Ridge Nema

Avondale Farm Herd Sires

Woodcrest Sir Clyde, a Bull of Outstanding Individuality

SIRE—PIETJE 22d WOODCREST LAD.
DAM—ALMA CLYDE, 33 lbs.—a cow of true dairy type.

Champion Echo Sylvia Pontiac, Junior Herd Sire

He claims the laurels among great sires.
SIRE—SPRING FARM PONTIAC CORNUCOPIA—the $15,000 son of K. P. PONTIAC LASS, 44.18.
DAM—MAY ECHO SYLVIA, the world's champion for 3 years. Milk one day 152.1, seven days 1,005.8, butter seven days 41 lbs. We've told of her before.

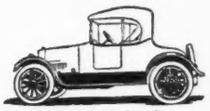
SOME OFFSPRING

No. 1. A 5-month-old son of the $5,000 son of MAY ECHO SYLVIA, AVONDALE PONTIAC ECHO and from BELLE MODEL JOHANNA 2d, a twice 37-lb. cow.
No. 2. SIRE "AVONDALE PONTIAC ECHO" from a twice 29-lb. four-year-old (5 months old).
No. 3. A 3-year-old son of KING PONTIAC ARTIS CANADA and from a 31.70-lb. daughter of KING SEGIS.
No. 4. A year old, sired by WOODCREST SIR CLYDE, our herd bull, and from the highest record daughter of KING PONTIAC ARTIS CANADA, making at 3 years 27.5 lbs.; next dam a 19-lb. daughter of a 31-lb. cow.
No. 5. Born April 1, 1916, Sire—WOODCREST SIR CLYDE, Dam—PRINCESS STELLA SEGIS, a 29.96-lb. four-year-old daughter of COUNTESS SEGIS, 31.70.
No. 6. Born March 28, 1916, Sire, WOODCREST SIR CLYDE, Dam, PIETJE HENGERVELD QUEEN 2d, a 23.17-lb. daughter of KING PONTIAC ARTIS CANADA, next dam 26.5 lbs. as a four-year-old, next dam 24 lbs.—all show animals.

All animals are registered in the American Herd Books and there is no duty on animals crossing the border. Address correspondence

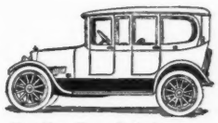
H. LYNN, Supt. Avondale Farms, Brockville, Ont., Can.

The "Best Thing" About Reo Cars

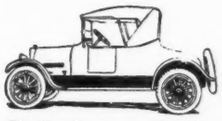


The New Four-Cylinder, 3-passenger Reo Roadster, $875

The New Reo the Fifth, "The Incomparable Four," $875



The New Four-Cylinder Reo Enclosed Car, $1025

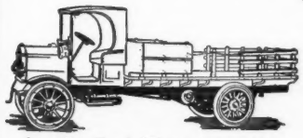


The New 4-passenger Reo Six Roadster, $1150

The New 7-passenger Reo Six Touring Car, $1150

The New Reo Six 7-passenger Sedan, $1750

1500-pound Reo "Speed Wagon," $1000



2-ton Reo Truck (Chassis only, with Driver's Seat and Cab), $1650

(All Prices are f. o. b. Lansing, Michigan)

IT WOULD BE DIFFICULT to say just what is "the best thing" about Reo automobiles and Reo motor trucks.

ONE WOULD SAY "the service that goes with every Reo." Another would say "uniform excellence" is "the best thing" about Reos.

BUT WE WOULD SAY without a second's hesitation that one of the best things is the fact that every Reo model is, long has been, and long will be, standard.

FOR IT DOESN'T MATTER when you buy a Reo—in season or out—this year, last year or next year—you have a car that is standard and the depreciation of which is less than that of any other automobile of similar price or passenger capacity.

YOU'D SAY REO QUALITY was probably the "best thing" about Reos—and of course, there's no gainsaying that.

REO QUALITY at Reo prices is universally recognized as "The Gold Standard of Values."

THAT IS THE BASIS of Reo prosperity, Reo demand and Reo reputation, of course.

BUT OTHERS MAKE good cars—in spots. By fits and starts as it were. This year a good model; last year, one they are not so proud of; and next year—who knows?

THERE'S SO LITTLE consistency in the past performances of most of them, none can predict the future with any degree of accuracy.

BUT REOS RUN TRUE TO FORM always. If it's a Reo then it's a good car—no matter what year it was made.

IF IT'S A REO there's always a fixed value for it in the new, or in the "used car" market.

IS IT A NEW REO—it will command a premium. "You were lucky to get a Reo," is an expression a new owner hears frequently.

FOR EVERYBODY KNOWS that the demand for Reos is always greater than the factory output—always has been.

IS IT A 1911 MODEL—any dealer will tell you its present value—and they won't differ five per cent in their estimates.

THAT'S THE REMARKABLE difference between Reos and other cars—with only one exception. And that isn't a competitor of Reo.

CONSIDER THIS most carefully in your selection of a car—this fact, that every Reo model is standard from season to season.

IT IS A STAPLE, not a novelty, you buy when you buy a Reo.

AND IF YOU DO have to wait a few days for a Reo, whereas you can get other makes right off the floor—remember there's a reason, and that reason is the best possible reason why you should select a Reo for yours.

IT MEANS MONEY in pocket for you in years to come—as well as satisfaction from the day you do get your Reo.

REO MOTOR CAR COMPANY
REO MOTOR TRUCK COMPANY
Factories: Lansing, Mich.

"THE GOLD STANDARD OF VALUES"

161-C

Buy the Blood of the Richest Bred Holstein Sire in Illinois, Namely

Towanda Spring Farm Pontiac De Kol 129786

His two dams average 38.72 lbs. butter in 7 days.

We have heifers sired by a brother to King Segis Pontiac De Kol; others sired by 31-lb. son of Friend Hengerveld De Kol, due to freshen in October. We have yearlings and heifer calves. Must sell about 20 to make room for winter.

Don't wait to write, but wire me when you will arrive.

I. J. CASE, Alta, Illinois

Gulf States Farmer

NEW ORLEANS, LA.

A Monthly Publication **E. O. WILD, Publisher**

Recognized Authority on Live Stock and Agricultural Development in the Gulf Coast States

The Leading Authorities on Agriculture and Live Stock are Regular Contributors to Our Columns

Advertising Rates on Request **Subscription 50c Per Year**

30.72 lbs. 31.39 lbs. 33.31 lbs. 35.21 lbs.

These figures represent the records of the four nearest dams of the young bull we now offer for sale.

The sire is KING COLANTHA CLOTHILDE, who not only has a great list of young daughters up to over 30 lbs. at 3 years, but who ranks as one of the best sons of Colantha Johanna Lad, from the only 31-lb. cow having a 30-lb. four-year-old daughter that has a 30-lb. two-year-old daughter.

The dam, NUDINE LYONS DE KOL, is the famous 30-lb. daughter of the still more famous Blanche Lyons De Kol (33.31 lbs.), the best daughter of Blanche Lyons and Pietertje Hengerveld's Count De Kol. His four nearest dams average 32.66 lbs.

They are equally noted for transmitting power. He is one of the most desirable young bulls that can be found anywhere today, representing, as he does, the strongest possible combination of several of the breed's most prepotent strains. He was born May 11, 1916, and may be seen at our Rock Stream farm.

The price on this youngster is in no way commensurate with his quality.

Send for complete information.

HAWTHORNE FARMS COMPANY
MAIN OFFICE AND FARMS, BARRINGTON, ILLINOIS
NEW YORK FARMS, ROCK STREAM, N. Y.

FOR SALE One 5-year-old granddaughter of Homestead Girl De Kol. Sarcastic Lad has a 19-lb. dam. Lost one-fourth udder and both knees enlarged from cement. Due to freshen in December. **Price $125.00**

H. PERKINS & SON, Red Creek, N. Y.

Korndyke De Kol and North Star Canary Johanna.

Heifer, senior yearling, dry: 1st, Mayo on Barnes Colantha Pietertje; 2d and 4th, Culver on Miss Clissie Ormsby Rue and Far Oaks Royal Lady Ormsby; 3d, Iowana Farms on Iowana Pauline; 5th, Baird Bros. on Nockdair Segis Longfield Rose.

Minnesota heifer, senior yearling, dry: 1st and 2d, Culver on Miss Clissie Ormsby Rue and Far Oaks Royal Lady Ormsby; 3d, Jeans on Sethje Wilkje Burke 2d.

Heifer, junior yearling: 1st, Culver on Far Oaks Violet Ormsby; 2d, Iowana Farms on Iowana Fagye Julia; 3d, Mayo on Canary Avanelle; 4th and 5th, Baird Bros. on Nockdair Segis Korndyke Lottie and Nockdair Segis Valentine.

Minnesota heifer, junior yearling: 1st, Culver on Far Oaks Violet Ormsby; 2d and 3d, Jeans on Willow Ridge Korndyke Capilota and Miss Korndyke De Kol Prilly.

Heifer, senior calf: 1st, Mayo on Johanna Ondine Soo; 2d, Culver on Far Oaks Skylark Ormsby; 3d, Jeans on Willow Ridge Pietertje Ormsby; 4th, Iowana Farms on Iowana Prima Donna 2d; 5th, Baird Bros. on Nockdair Segis Goldbron.

Minnesota heifer, senior calf: 1st, Mayo on Johanna Ondine Soo; 2d, Culver on Far Oaks Skylark Ormsby; 3d, Jeans on Willow Ridge Pietertje Ormsby.

Heifer, junior calf: 1st, Culver on Nockdair Segis Cornucopia; 2d, Jeans on Willow Ridge Mercedes Ormsby; 3d, Baird Bros. on Nockdair Segis Gelsche; 4th, Iowana Farms on Jessie Oak Fobes Mooie; 5th, Mayo on Johanna Woodcrest Ruth.

Minnesota heifer, junior calf: 1st, Jeans on Willow Ridge Mercedes Ormsby; 2d, Mayo on Johanna Woodcrest Ruth; 3d, Culver on Far Oaks Jennie Ormsby.

Senior and grand champion bull: Iowana Farms on Colantha Dutchland Snowdrop.

Junior champion bull: Baird Bros. on Nockdair King Segis Perfection.

Senior and grand champion cow: Mayo on Mayowood Fernwood De Kol.

Junior champion cow: Mayo on Johanna Ondine Soo.

Young herd: 1st, Jeans; 2d, Culver; 3d, Baird Bros; 4th, Iowana Farms; 5th, Van der Schaaf.

Minnesota young herd: 1st, Jeans; 2d, Culver.

Graded herd: 1st, Baird Bros.; 2d, Culver; 3d, Jeans; 4th, Van der Schaaf.

Minnesota graded herd: 1st, Culver; 2d, Jeans.

Calf herd: 1st, Baird Bros.; 2d, Jeans; 3d, Culver; 4th, Van der Schaaf; 5th, Iowana Farms.

Minnesota calf herd: 1st, Jeans; 2d, Culver.

Get of sire: 1st, Baird Bros.; 2d, Jeans; 3d, Culver; 4th, Iowana Farms; 5th, Van der Schaaf.

Minnesota get of sire: 1st, Jeans; 2d, Culver.

Produce of cow: 1st, Culver; 2d, Baird Bros.; 3d, Iowana Farms; 4th, Jeans; 5th, Van der Schaaf.

Minnesota produce of cow: 1st, Culver; 2d, Jeans.

DAIRY CATTLE SHOWS—1916.

Southwestern Dairy Show—Sept. 18-23, Kansas City, Mo. J. G. Watson, Manager.

Dairy Cattle Congress—Oct. 2-8. Waterloo, Iowa. E. S. Estel, Manager.

National Dairy Show—Oct. 12-22. Springfield, Mass. W. E. Skinner, Manager.

STATE FAIRS—1916.

Sept. 15-23—Illinois State Fair, Springfield.

Sept. 16-23—Kansas State Fair, Hutchinson.

Sept. 18-22—West Michigan State Fair, Grand Rapids.

Sept. 18-23—Tennessee State Fair, Nashville.

Sept. 18-23—Southwestern Dairy Show, Kansas City, Mo.

Sept. 23-30—Missouri State Fair, Sedalia.

Sept. 23-30—Oklahoma State Fair, Oklahoma City.

Sept. 24-Oct. 3—Tri-State Fair and Exposition, Memphis, Tenn.

Sept. 25-29—Interstate Fair Association, Trenton, N. J.

Sept. 25-30—Gem State Fair, Boise, Idaho.

Sept. 25-30—Montana State Fair, Helena.

Sept. 25-30—Oregon State Fair, Salem.

Sept. 26-30—Wyoming State Fair, Douglas.

Oct. 2-7—St. Louis Agricultural Fair, St. Louis, Mo.

Oct. 2-7—Utah State Fair, Salt Lake City.

"I Depend on Kimball's Dairy Farmer to Keep Me Sold Out"

A leading Holstein breeder of the west—one who markets several carloads of Holstein cattle a year—gave us the above information in a recent call at our office.

A word to the wise is said to be sufficient, but, since even the wise are not always listening, we say it again: "You can use Kimball's Dairy Farmer to keep you cleaned up of your surplus Holstein cattle."

There is a big demand for Holsteins. The way to reach it is to use the biggest market there is in the country, which is Kimball's Dairy Farmer with its 200,000 readers and its wealth of Holstein literature throughout the year. Kimball's Dairy Farmer is the megaphone that will multiply your voice 200,000 times, saying: "Buy my Holsteins!"

Caution: Don't offer for sale in Kimball's Dairy Farmer anything that you want to keep.

Kimball's Dairy Farmer live stock advertising rate is only $3 per inch per insertion on annual contract. Get your order in and your advertising started at the earliest possible date.

KIMBALL'S DAIRY FARMER, Waterloo, Iowa

The Foremost Dairy Paper

There are Certain Things

That Are Impossible to Say About One's Self

For instance, your character, the esteem you hold for your business, your integrity—these are things that cannot be advertised. But you can suggest them through the use of our forms and pedigrees, which provide only facts and in a clear, concise, straightforward and readable manner.

If you are not already one of our satisfied customers, you may be interested in our samples. May we show them to you?

Liverpool Sale & Pedigree Co., Inc.

LIVERPOOL, N. Y.

Note that the best sales come under our management. What about the sale you are contemplating? Arrange with us now before it is too late.

COLORADO COLLEGE HEIFER.

A purebred Holstein heifer, Korndyke Sarcastic Jolie 2d, in the dairy herd of the Colorado Agricultural College has recently completed a year of milk production with her first calf. Her record for this time is 524 pounds estimated butter, and 13,897 pounds of milk.

This heifer is a daughter of the best producing cow in the herd, Korndyke Sarcastic Jolie, but the indications are that she will soon beat her dam's record. Her sire is Woodcroft Sir Fayne, bred by Dr. Hubert Work, Pueblo, and her dam's sire is Sir Korndyke Hengerveld Canary, the senior herd bull at the college.

Sir Korndyke Hengerveld Canary is the son of Korndyke Hengerveld De Kol, herd bull at the University of Missouri, and through him to his sire Hengerveld De Kol and to his grandsire is Pontiac Korndyke. These latter have been the two greatest sires of tested daughters in the Holstein breed.

Korndyke Sarcastic Jolie 2d is not a large heifer, and her udder does not appear large, but it is of excellent quality. She is a very persistent milker, and is still giving three gallons a day at the close of the 12 months' test.—Chas. I. Bray, Colorado Agricultural College, Fort Collins, Colo.

ANOTHER BOOST FOR THE LIVESTOCK INDUSTRY.

The well-established movement for the promotion of the livestock industry in the south, which seems destined in the near future to make that section one of the largest and most important markets for the purebred animals of the northern breeder was marked by another important forward step when Georgia land owners, representing over one million acres of land, met at Waycross, Ga., on August 23d and organized the Georgia Land Owners Association.

Besides taking action looking toward the clearing up of all land titles in the state and recording itself in

We Take Pleasure in Introducing Another of Our Herd Sires

King Pontiac Pondyke

This is a youngster of wonderful breeding and individuality. He was born November 2, 1915, and is a son of King of the Pontiacs, who stands today without a peer—the only sire the world has known with seventeen 30-lb. daughters, and two of these over 40 lbs., a fact also unequalled by any other bull.

His dam, Hengerveld Pondyke Pietertje, is a twice 30-lb. cow. At her last freshening she made, at 6 years, 32.58 lbs. butter in 7 days—milk, 590.3; average per cent fat, 4.42. At five years of age, she made 30.05 lbs. butter from 474.9 lbs. milk in 7 days. In 30 days, 106.79 lbs. butter from 1,962.7 lbs. milk. She is sired by a good son of King of the Pontiacs and from a daughter of Butter Boy Mercedes Prince.

We'll Have Some Fine Youngsters to Offer Soon—Watch for Them

BELLWOOD FARM

C. W. BRAY, Proprietor BRIDGEPORT, PA.

If You Are Looking For Some Bred Heifers Here Is a Big Bargain

I have nine heifers, just about two years old and all due to freshen between September and January. They are all well bred, well marked heifers from good producing stock and individually they are a fine lot—in fact, some of them are show animals.

They are all bred to a son of King Segis Beets, whose dam is a 25-lb. cow who was sired by a 25-lb. son of De Kol 2d's Butter Boy 3d and from a 25.24-lb. daughter of Hengerveld De Kol.

These heifers will start making money for you right away. Send to me for full particulars.

The Lot---$1800

LEON MORE **Lacona, N. Y.**

COME TO MINNESOTA AND ARDEN FARMS, Inc.

The home of King Segis Pontiac Count and his World's Champion Daughters, Jewel Pontiac Segis and Beauty Girl Pontiac Segis.
"Proven Transmitting Power" "Unequalled Breeding"
"Faultless Individuality"

WE ARE BREEDERS, NOT BROKERS

We make a specialty of breeding and supplying the Farmers of the Northwest and the entire country with purebred young bulls to head their herds.

We Offer For Sale: Bull calves from **King Segis Pontiac Count,** out of high record dams; also bull calves from **Piebe Laura Ollie Homestead King,** out of high record dams, many of them **Daughters of King Segis Pontiac Count.**

Our young bulls are from three months to sixteen months old. They are all beautiful individuals, well marked and good enough to head any herd in the world.

We Also Offer: About **Thirty Young Heifers,** splendidly bred and marked. Some of them will freshen during the winter months and others are now old enough to breed.

Every Animal sold from Arden Farms will be Absolutely Guaranteed to be free from tuberculosis and all other disease.

WE INVITE YOUR INSPECTION

J. M. HACKNEY, Owner **Office, Hackney Bldg., St. Paul, Minn.**

Orchard Home Farm Offers

SEVEN HEIFERS PRICED TO SELL QUICK

Three of breeding age and open. Four of 1916 crop. Four have A. R. O. backing. Four are sired by 31-lb. son of King Segis. All are fine individuals and well grown for age. All show great dairy promise. Write for particulars.

S. A. MARTIN, R. D. 1, East Syracuse, N. Y.

To Whomsoever Is Contemplating Purchasing a Herd Sire

Stop, Look and Listen

We have still in our barns a few fine sons of our **Yearly Butter Backed Junior Herd Sire, Maplecrest Pontiac De Kol King**, a worthy son of Friend Hengerveld De Kol Butter Boy, **the only sire who has produced five 30-lb. daughters who have each produced a 30-lb. daughter.** His dam produced nearly **600 lbs. butter in 232 days at 2 years 4 months of age,** and her dam is the world's record four-year-old with **1,203.50 lbs. butter** from 21,718.30 lbs. milk **in 365 days.**

The youngsters we offer are from three-year-old daughters of our senior herd sire **Judge Segis, the only bull of the breed at five years of age to have a 30-lb. three-year-old daughter and a yearling 21-lb. daughter.** These young dams average over 26 lbs. at 3 years 3 months with **4.69 per cent fat** for seven days, and 105,135 lbs. butter with **4.29 per cent fat** for 30 days.

These are the first sons of our junior herd sire, and if you want one of them, you should lose no time in asking about them! They will go quickly at our price which is reasonable for such WORLD RECORD BACKED QUALITY. Write us now for booklet with pictures.

We also have a few sons of JUDGE SEGIS for sale.

F. C. SOULE & SONS SYRACUSE, N. Y.

VANDERKAMP FARMS

Lakeside Stock Farm

offers

Ten unusually fine, well-grown heifers, 18 to 24 months, bred to one of the fine sons of **King of the Pontiacs,** sire of 190 A. R. O. daughters, 17 of them 30 to 44 lbs., and two over 40 lbs. from a dam with 32.32 lbs. She also made over 26 lbs. at 2½ years, over 28 lbs. as a three-year-old and over 29 lbs. as a four-year-old, and it is expected she will increase her 32-lb. five-year-old record. Heifers due this fall and winter. A rare chance to found a herd of superior individuality, unusual uniformity and good breeding, at moderate prices.

We can increase the number to a carload if desired.

Can furnish very superior bulls by nearly all the most famous sires and great record dams to head the herd.

E. A. POWELL

904 W. Genesee Street - - SYRACUSE, N. Y.

Are You Satisfied

with the results you are getting? Do your calves look right to you? Do you get the right response from the daughters of your present herd sire? If you do not, or if you wish to get a bull to breed on the daughters of your present herd sire, let us place one with you without your

INVESTING A DOLLAR

Write for our plan.

BEACH & WIRT, Battle Creek, Mich.

favor of asking the next state legislature to enact the Torrens Land Title system, the congress of land owners enacted the following interesting resolution on the subject of livestock:

"It is proposed that the Association shall put itself on record as favoring and assisting in all proper ways in the campaign now under way for the complete eradication of the Texas fever cattle tick, and that the board of control shall adopt plans addressed to that end. It is proposed that the Association shall foster and promote in connection with such other organizations as the board of control shall select, a diversified farming campaign which shall reach all persons within the area to be covered, and which shall be designed to impress upon the people the necessity for growing livestock as a basis for a self-supporting agriculture."

The land owners, after listening to addresses by some of the leading Georgia land owners and by representatives of the Southern Settlement and Development Organization and the Agricultural Extension Department of the International Harvester Company, went on record as favoring an assessment of 1c per acre a year to defray the expenses of a three year campaign.

The next step in this south-wide movement for livestock farming and the eradication of the cattle tick will be taken at a widely advertised meeting which is to be held at Orangeburg, South Carolina, on October 11 and 12, under the joint auspices of the Southern Settlement and Development Organization of Baltimore, the Orangeburg Chamber of Commerce, the State Agricultural Commission and Clemson College. A big exhibit of South Carolina-raised cattle and hogs has been arranged as a part of the program under the direction of a special committee made up of representatives of the Seaboard Airline, the Atlantic Coast Line and the Southern Railroad, and the foremost livestock breeders of the state as well as representatives of the United States and state departments of agriculture will speak.—F. H. Abbot, Southern Settlement and Development Organization.

HIGH TESTING HEIFERS.

Sons of "It" out of daughters of King of the Pontiacs are proving their popularity these days. A fine young son of "It" has recently been shipped to Hiram, Ohio, where he is owned by a syndicate of breeders composed of W. W. Bartholomew, W. A. Hoover and Munnaw Brothers.

This young bull is very growthy; long and straight over the hips; in fact a remarkably good example of the sons of this junior herd sire "It." The dam of this bull is K. P. Edith Prescott, a fine two-year-old daughter of King of the Pontiacs having

WANTED

Situation as farm manager by a reliable and experienced farmer who has had years of experience in breeding and management of purebred Holsteins—an all round, capable man of good judgment; honest and a hustler. For further information address

Box 20, c|o Holstein-Friesian World, Syracuse, N. Y.

We offer a few good young

Holstein Bulls

from good dams at reasonable prices

Heart's Delight Farm
Chazy, N. Y.

The A. R. O. Champion Prize Winning Herd

in all classes for last two years in H. F. A. R. prize list (considering number of milking animals) in our **Hornless Herd.** Herd sire's dam and dam's dams world's records averaging 4 per cent fat in yearly test, 21,000 lbs. milk, and 1,050 lbs. butter. First daughter of our senior herd sire to freshen in strictly official test averages above 4.1 per cent fat to 120 days. **Bulls** and **Bull Calves** from 20 lbs. up, at **$100.00.**

GEO. E. STEVENSON & SONS
Clarks Summit, Pa.

30-lb. Grandson of King of the Pontiacs For Sale

two years old. **Price $400.** Write for pedigree.

FERD J. LANGE, Sebewaing, Mich.

YEARLING BULL

Dam is a nice A. R. O. daughter of

KING OF THE PONTIACS

Sire is from a 33-lb. three-year-old; fine individual, two-thirds white. Tuberculin tested. Price, $125.

HAROLD F. HUBBS,
Kirkville, N. Y.

$100 Buys This Bull

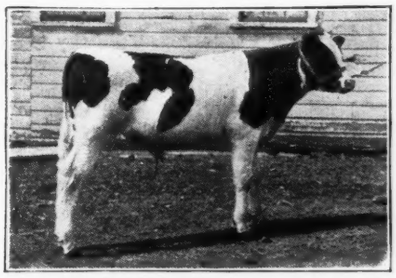
Born November 15, 1915. Sire is a son of Flossie Spofford Hengerveld, 29.59 lbs. in 7 days, 964 lbs. of butter from 23,110 lbs of milk in 365 days.

Dam is a 13.03-lb. two-year-old daughter of Sir Korndyke Queen (31 A. R. O. daughters), a 31-lb. son of Pontiac Korndyke. Write today.

BURR BROS. Wauseon, Ohio

A 30-lb. Son of Sir Sadie Cornucopia

Born November 23, 1915. His Sire has 35 A.R. O. Daughters Including:



Sir Sadie Cornucopia 18th

Alba Sadie Cornucopia Creetia 34.14
Sadie Cornucopia Mignone (R. O. M.) 7 yrs.....33.17 (also 31.74 at 6 yrs. and 30.40 at 5 yrs.)
Sadie Cornucopia Wayne...31.42
10 daughters average over 27 lbs.
He is a son of Aaggie Cornucopia Johanna Lad and Sadie Vale Concordia.
Dam: Florence Jewel De Kol Rauwerd 164594:
Butter 7 days, 30.904; milk, 483.20. Butter 30 days, 120.37; milk, 2,400.80. Milk 1 day, 95.1 lbs.
She is a cow of great capacity and a wonderful producer. From a 20.98-lb. dam and sired by a son of Prince Segis Korndyke and Beauty Rauwerd Hengerveld—29 lbs. Write for pedigree, price and description.

W. B. BARNEY & SONS **Chapin, Iowa**

Do Not Fail to See Our Exhibit of

Dairy Cattle

at the Ohio State Fair

We will have bull calves for sale by good sires out of cows with A. R. O. records and large institution records.

OHIO BOARD OF ADMINISTRATION
Agricultural Department **Columbus, Ohio**

INDIVIDUALITY PRODUCTION BREEDING
These three points are superlatively emphasized in every individual in the

NORTH STAR HERD

Just now we can furnish you a bull calf sired by Johanna Bonheur Champion and out of a dam with a record of 29.58 lbs. in seven days, and 123.25 lbs. in 30 days. This calf is a splendid individual and will be a credit to any herd. If you are interested in the right kind of Holsteins, write quickly.

W. S. MOSCRIP, Lake Elmo, Minn.

FOR SALE: A young herd of nine heifers and a yearling bull. Four heifers bred to calve in the fall by King Pontiac Canary Walker, and the others now with young bull. This bunch will be sold with the privilege of buyer to test them sixty days after he gets them and price refunded if any go wrong.

J. GRANT MORSE
LAUREL FARM **Hamilton, N. Y.**

Cazenovia Breeders

MEADOWOOD FARMS
Cazenovia, New York

Pure bred Pedigreed Holstein-Friesian Cattle, Chester White Swine, S. C. White Leghorn Poultry. Stock for sale.

W. G. Chard, Prop. A. L. Shepherd, Mgr.

LORENZO FARM
CAZENOVIA, N. Y.

Inquiries asked for A. R. O. Cattle

CHAS. S. FAIRCHILD

Barker Farm HOLSTEINS

Herd sires: **Spring Farm King Pontiac Mercedes 104884**; two nearest dams average 32.956 lbs.; and **Finderne Netherland Korndyke 155460**, son of the world's record junior two for 7 and 30 days and by a brother to the 40-lb. four-year-old.

Young bull calves for sale, also some very good pure bred and high grade females, all ages. Send for pedigrees and information.

C. P. BARKER
Chippewa Falls Wisconsin

THE PONTIAC HERD
"Where the Champions come from"

Offer bulls calves sired by sons of Pontiac Korndyke, Hengerveld De Kol, Pontiac Dutchland or Admiral Walker Pietertje.

Do you want a Pontiac in your herd?
Pontiac State Hospital Pontiac, Mich.

Choice Pure-Bred

Heifers for sale, consisting of one superb two-year-old show heifer and nine (9) others, all bred, and some very close springers.

MILKY WAY DAIRY FARM,
Maple Park, Ill.

29.04 lb. Bull Calf

Born in March, 1916. Dam made 26.43 lbs., and sire's dam, 31.65 lbs., A. R. O. in seven days, both as four-year-olds. An extra nice one; dark in color. Price, $125.

O. L. PRINDLE, West View, Ohio

A REAL HOLSTEIN BARGAIN

Five head of fine, straight growthy females for $550.

No. 1—A great granddaughter of the $50,000 bull, King Segis Pontiac Alcartra, bred to King Tobe De Kol 101309.

No. 2—A 14-months-old great granddaughter of Pietertje Hengerveld Count De Kol.

No. 3—A 12-months-old granddaughter of King Segis from a daughter of Segis Fayne Hengerveld.

No. 4—A 12-months-old great granddaughter of King Segis.

No. 5—A very fine six-months-old granddaughter of the great Pontiac Aaggie Korndyke.

These are a nice lot and would make a great start for someone. Of course, I have some other bargains.

GEO. J. HALL, No. Olmstead, Ohio

made 18.99 pounds butter at 31 months of age, her milk averaging 3.98 per cent fat. Her dam, Edith Prescott Wayne, produced 28.44 pounds butter from 589.8 pounds milk in 7 days and 108.5 pounds butter from 2,192.9 pounds milk in 30 days.

Edith Prescott Wayne was sired by a son of the noted Beryl Wayne's Paul De Kol.

This young bull, It Pontiac Prescott, represents a cross of breeding which we are sure will prove very successful and these Ohio breeders have a youngster that they may well be proud of.

WINNER OF THE SILVER CUP.

Mr. Wm. J. Maine, Superintendent Hillsgrove Farm, Hillsgrove, R. I., has won the annual sterling silver cup given by the Blatchford Calf Meal Factory for making the greatest gain at the least cost in the calf feeding contest.

Mr. Maine raised five calves with an average gain of 2½ pounds per day from birth to twelve weeks old at the least cost by feeding Blatchford's calf meal, new milk, skim-milk, ground oats and clover hay.

Kansas City Farm
BREEDERS of K. C. HOLSTEINS

I have ten bred heifers of my own breeding that I want to sell.

Prices upon these heifers are $275 to $400.

T. J. Daughenbaugh, Springfield, Ill.

Prince Korndyke Pontiac
AND
King Hengerveld Pietje

are the two sires in service in our herd.

We offer for sale one bull ready for service whose dam is the **new 31.104-lb. cow, Hilldale Gem Segis**, a daughter of

King Segis Beets

The bull we offer is sired by **Prince Korndyke Pontiac**, a 33.76-lb. son of **Pontiac Korndyke.**

If you want him write at once.

HUGH J. DAVIS, Broadalbin, N. Y.

HOLSTEIN HISTORY

is in the making, and one great family follows the other in such rapid succession that it is hard to keep up with the procession, but there are some families that have stayed in the front ranks for over ten years, and one of these families is that of

Aaggie Cornucopia Pauline

She startled the dairy world over ten years ago by making the then unheard of seven-day record of 34.32 lbs. butter, 659.20 lbs. milk, which record when made was not only the world's championship four-year-old record but the world's record for any age or breed.

Her best son is **AAGGIE CORNUCOPIA JOHANNA LAD**, who has 102 A. R. O. daughters, and one of his granddaughters has just astonished the dairy world by making a world's record of over 31,000 lbs. of milk in a year. For ten years this family has been making and breaking world's records. Added to which, as individuals they stand in a class by themselves, having produced more grand champion bulls and more great show cows than any other family.

Our youngest herd sire, **KING CORNUCOPIA HENGERVELD SEGIS**, is a son of the best daughter of **AAGGIE CORNUCOPIA JOHANNA LAD**, with a record of 32.10 lbs. butter and 615.60 lbs. milk. This young son is sired by a son of the ex-world's champion two-year-old heifer, **PRINCESS SEGIS**, by many considered the greatest daughter of the great **KING SEGIS**, who has also founded a family in which record breakers keep coming in every generation. Of this family it can also be said that they have held world's records for four generations. The grandsire of **KING CORNUCOPIA HENGERVELD SEGIS** was a son of the great and only **HENGERVELD DE KOL** and that great cow, **ABBY HARTOG CLOTHILDE**, butter 31.39 lbs., the head of the only combination of three direct generations of 30-lb. cows, in which any of the number made their records under full age. The average of the four nearest dams of this bull is over 32 lbs. butter.

COWS AND HEIFERS

bred to him and young bulls sired by him at very moderate prices. Send for free price list, or better still, pay our farm a visit. 300 head to select from.

WOODLAWN FARM, Sterling, Illinois

N. B.—Pure-bred registered Shetland Ponies. The safe, reliable, gentle kind. 200 head to select from. Send for price list.

FINDERNE FARMS

We offer a fine young bull

FINDERNE KORNDYKE JOHANNA

A double grandson of King Pontiac Segis Korndyke—A grandson of Finderne Pride Johanna Rue, out of a 24-lb. two-year-old granddaughter of Gordon Glen Pontiac.

The record of his seven nearest tested dams average 31.24. Out of Finderne Ruby Korndyke, 24.66 lbs. at 2 years old, and Finderne Pride Johanna Korndyke. The records of his dam and sire's dam average, butter for 7 days, 33.71. His sire was the son of Finderne Pride Johanna Rue, who made, at 5 years and 4 months, 36.87 lbs. of butter in 7 days, and 692 lbs. of milk in 7 days, and made 139 lbs. of butter in 30 days, from 2,683.90 lbs. of milk. Butter 8 months after calving, 36.03, 7 days. Butter 30 days, 147.05. World's record butter, 365 days, 1,470 lbs. World's record when made, now beaten by only one cow, 28,403.70.

Finderne, New Jersey — Bernhard Meyer

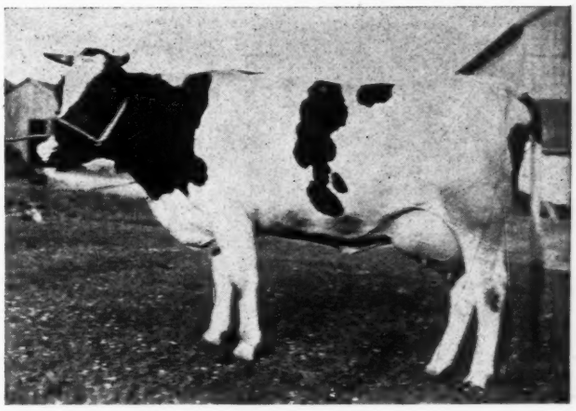
100 in the Shade

Meadowholm Ona Wayne

Record made during the extremely hot days of July as a junior two-year-old:

BUTTER 24.96
MILK 392.9

Now starting on semi-official test for the year.



MEADOWHOLM ONA WAYNE

She is Ohio's best two-year-old and a daughter of our senior sire—Maplecrest Hartog De Kol, a son of Pauline Aaggie Korndyke and Ohio's first 30-lb. cow, Burton Highlawn 2d's Hartog.

We have some of his offspring for sale or soon on the market.

WRITE FOR PARTICULARS

PETER SMALL — Chesterland, Ohio

Milk Fever and Its Treatment

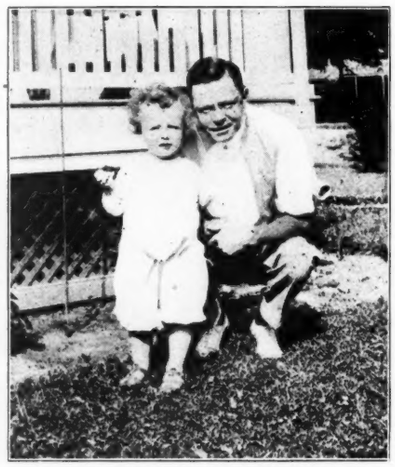
IRVING M. AVERY
Auray Farms, N. J.

LET us correct an erroneous impression at the very outset: "Milk Fever" is in reality not a fever at all; quite the reverse. Its real name is parturient paresis, and it may be defined as anemia, or lack of blood in the brain. It is quite common among well-kept, heavy-producing dairy cattle. It is brought on by an excessive supply of blood in the udder at the time of calving and a consequent deficiency at the brain, with an uneven distribution throughout the circulatory system, resulting in a sort of apoplexy. Attacks of this nature are serious and call for quick action and speedy relief, otherwise the cow is very apt to die.

It is always best if one is inexperienced to secure the services of the local veterinarian as promptly as possible. Once he can diagnose the symptoms and has seen treatment administered and relief effected, however, the average dairy farmer can give first aid, or even confidently handle the case without outside assistance. So simple is the theory of treatment that anyone can readily comprehend it; the necessary equipment is equally simple. The idea is merely the inflation and distention of the udder by means of sterilized air, forced in through each teat with the apparatus described below. This relieves the congestion of blood in the udder and brings about a speedy return to normal conditions by inducing an even distribution throughout the body and a consequent forcing of blood to the brain.

The outfit for treatment consists of a soft rubber bulb to be compressed in the hand, next to which is a second bulb which acts as an air chamber and regulates the pressure. Next, several feet of light rubber tubing, halfway of the length of which is included a small metal cylinder to be filled with sterilized cotton and through which the air is forced by the compression of the bulb at the end of the line. At the other end is attached an ordinary milking tube to be inserted in the teat. That is all there is to the device, which may be purchased for a small sum from any dairy supply house.

In practice, the milk tube (previously sterilized by boiling for ten minutes in water) is carefully introduced into each teat and the quarter inflated to the greatest possible extent by pumping in sterilized air. The milk tube is then withdrawn, the teat squeezed firmly between thumb and finger, and finally tied securely with a tape, in order to retain the air pressure. This is the entire treatment. However, an ounce of prevention is worth a pound of cure, and it is well never to milk a cow clean for at least twenty-four hours after calving, as the resulting distention of the udder serves practically the same purpose as artificial distention and aids materially in keeping the blood pressure evenly distributed throughout the circulatory system.



The author and his little son.

So much for the treatment. Now for symptoms, which luckily again are simple, well defined and comparatively easy of recognition. Milk fever seldom attacks any but the heaviest milkers and usually manifests itself when the cow is in her prime—say from five to seven years of age. Heifers dropping first or second calves are seldom if ever afflicted, and cows over eight or nine years old rarely suffer from it.

Because of approaching paralysis of the bowels, the cow is invariably constipated; she is uneasy, wild-eyed and restless. After a short time she commences to sway and stamp her feet, later on staggering about and exhibiting increasing signs of weakness, and finally exhaustion. At last her hind parts refuse longer to support her, and she collapses, always falling upon her right side and with her head drawn to the left and resting upon the hindquarters. At the end, paralysis having spread and become general, the cow appears entirely without consciousness and to all intents and purposes, dead. The eyes are fixed and glassy, the muscles relaxed, and the limbs may be readily handled and placed in any position desired.

If the attack is taken in time, your animal, of course, will not present the apparently hopeless case described above. But once she becomes unconscious, rest assured her time is short unless relief comes quickly. So remember to act promptly, for with milk fever you are not left long in doubt; your cow is either entirely well or entirely dead inside the space of a very few hours. There is no gradual decline or lingering either way, and a great deal depends upon one's ability to recognize the above symptoms and start first aid measures in time. However, the malady may be said, in a negative sense, to possess one redeeming feature, viz.: No particular ill effects follow an attack and there is no permanent damage; once well, your cow is as well as ever.

Under the head of prevention I would suggest first, refraining from milking entirely out for at least 24 hours. In the case of a heavy milker in overly good condition, where an attack of milk fever is dreaded, it is well to remove all grain feeds and substitute bran for a week or two before calving. Just before, give this in the form of steamed mashes, with plenty of salt added, and also offer plenty of laxative feeds, such as grass, green crops, green corn, etc., in the summer, and beets or beet pulp in winter. The bowels should be kept very free, and immediately the calf is dropped give a drench of 1½ pounds epson salts with one ounce creolin added; this to restore the normal movement of the bowels and prevent fermentation. Feed very lightly for

The Case & Maxwell Herd

The Home of Sir Ormsby Skylark, the Sire of Duchess Skylark Ormsby, the World's Record Cow, Offers

Three brothers to Duchess Skylark Ormsby on the sire's side. Well grown, beautifully marked, splendid in individuality. Ready for service the coming fall. All from A. R. O. cows with good records.

CASE & MAXWELL, Waterloo, Iowa

several days; avoid gluten, cotton-don'ts, i. e.: Never by any chance at-an early large milk flow, and you will run little danger of milk fever.

In conclusion, I might mention two dont's, i. e.; never by any chance attempt to give a cow medicine through the mouth after she is down; the muscles of the throat are in a paralyzed state and she is liable to choke to death through flooding her lungs. And above all things, in making use of the above treatment, keep everything scrupulously clean to avoid infection. This means surgically clean and includes the operator's hands and the patient's udder and teats, as well as the milk tube and other apparatus —a fact occasionally overlooked by most dairymen and some veterinarians.—Pennsylvania Farmer.

MAPLECREST KING DE KOL GOES TO ILLINOIS.

Joy Morton, proprietor of the Thorn Hill Stock Farm of Illinois, called on us several days ago, and was very much impressed with our Junior Sire, Maplecrest King De Kol 91584, sired by Friend Hengerveld De Kol Butter Boy 29303, and out of Maplecrest Pontiac Hartog 141157 by Pontiac Aaggie Korndyke 38291. His visit terminated in the purchase of this young sire.

Nothing could have induced us to part with him save for the fact that we at the present time have several 30-lb. bull calves on hand of our own breeding, one of which will take the place of Maplecrest. We have a good many of Maplecrest King De Kol's heifers on the farm, and quite a number due to freshen this fall and winter, and we feel positive that they will make good. Mr. Morton has a herd of selected Holstein cows about 50 in all and we understand they are all choice and richly bred individuals. With Maplecrest King De Kol as a sire Mr. Morton will undoubtedly add much to the dairying interests of Illinois.—Pabst Stock Farm.

Any tester will tell you that he would rather protect his cows from cold weather of winter than the hot weather of summer when trying to make records.

In carrying cows through the summer be sure that they have plenty of succulent feed. When pastures fail open the silo and if that's empty depend on soiling crops.

Friesland Farm

The bull advertised in the last issue is sold, but here is another good one.

Rag Apple Korndyke Hilltop

Born Nov. 10, 1915

A fine son of our herd bull, Rag Apple Korndyke Boon, whose sire is Rag Apple Korndyke 8th, and whose dam is a 32-lb. 4-year-old daughter of Pontiac Korndyke.

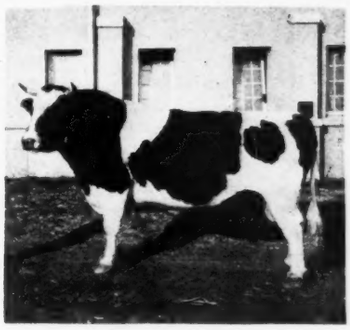
The dam of this young bull is a 20-lb. jr. 2-year-old daughter of Sir Veeman Hengerveld, and who showed her remarkable persistency by producing 12.9 lbs. 11 months after calving in her 2-year-old form. We expect great things from her this winter.

The calf is an exceptional individual, well grown and bound to please. He is priced to sell soon.

For pedigree, price and photo, address

B. B. DAVIS, Owner HENRY STUBBS, Supt.
OMAHA, NEB.

SIR JOHANNA FAYNE



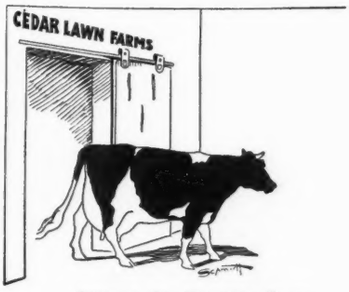
Yearly Records Completed in Past Year by His Daughters

	Age Years	Days in Calf	Milk	Fat
Johanna Fayne Star	6	245	23,549.0	753.22
Johanna Rue Burke 3d	4½	221	21,637.1	703.73
Johanna Fayne Pauline	4	174	23,488.9	640.05
Miss Johanna Aaggie Fayne	3	183	13,469.1	527.99
Pietertje Hengerveld Fayne	3	233	13,969.6	521.18
Average .....4 Years 4 Mos. 17 Days		211	19,204.7	629.23

Improve the type and production of your herd by placing at its head a son of SIR JOHANNA FAYNE or one of his daughters.

Herd tuberculin tested regularly.

IOWANA FARMS, Davenport, Iowa



Johanna De Kol Van Beers

CEDAR LAWN FARMS

A half-brother to Johanna De Kol Van Beers, out of a 17.5-pound junior two-year-old daughter of Sir Johanna De Kol 19th, who is a full brother to Cedar Lawn De Kol Johanna, 25.8 pounds in seven days and 707 pounds in one year at two years two months—also to Cedar Lawn Beauty, 24.5 pounds in seven days, at two and one-half years.

This bull was born July 14, 1914—a good individual, one-half white and constituting a rare opportunity of getting a herd sire of recognized breeding.

C. A. SCHROEDER & SONS, WEST BEND, WIS.

C. A. SCHROEDER W. C. SCHROEDER H. F. SCHROEDER

The Balsams Stock Farm

Hundreds of Visitors Come Every Summer to Visit the Balsams Stock Farm.

They are interested in the Trout, the Collies, the Sheep, the Berkshires, the Jerseys, the Guernseys, but the most of all in the 225 Holsteins.

At the present they are particularly interested in the young sons of **Dutchland Creamelle Pontiac Lad.** Why? Because they recognize that his breeding is above reproach. That he is backed by the greatest blood lines of the breed. That it is animals of such breeding that the public is clamoring for and is willing to pay for. Now is the time to make us a visit and make your own selection.

HENRY S. HALE, Owner P. A. CAMPBELL, Mgr.
BOX B, DIXVILLE NOTCH, N. H.

We Still Offer Bulls of Quality at Prices That Will Suit
Write Us Your Needs

Our
Fall Sale Dates:
NOV. 14 and 15

In connection with our spring sale, H. S. Fitzimmons, Granger, Iowa, our heaviest buyer, says: "I write to advise you that I re-tested the cattle purchased in your Spring sale. All came through fine. Not a single sign of tuberculosis in any of them. I think this speaks very well for the association since I purchased from eight different herds."

INTER-COUNTY HOLSTEIN ASSOCIATION
FRANCIS DARCEY, Secretary, Watertown, Wis.

MARBLE VALLEY STOCK FARM

HOME OF KING SEGIS PONTIAC ALCARTRA LAD 166569, the bull whose breeding and individuality is (A Little Bit Better Than Really Seems Necessary). Sire—King Segis Pontiac Alcartra, the noted $50,000 bull. Dam—Meta Hengerveld, 30.15 lbs., one of the nine 30-lb. daughters of Hengerveld De Kol. For pedigree and picture write

ROBERT F. MEAD, West Rutland, Vt.

$1,000 Bull— **Sire, King of the Black and Whites** whose six nearest dams are all 30-lb. cows. Dam, a 26-lb. junior four-year-old full sister to a 30-lb. three-year-old. Her dam and her full sister are the only two full sisters that have each produced a 30-lb. three-year-old. If you want a good one come to

LOCKHART HOLSTEIN FARM, Solsville, N. Y.

Otselic Stock Farm

We still have a few sons of KORNDYKE PONTIAC PET 55995, a 37-lb. sire, from good A. R. O. dams. Prices reasonable. For pedigree, write to

ESTATE OF ISAAC DALRYMPLE - OTSELIC, N. Y.

A SUGGESTED PARALLEL CASE.

Wonderful work has been accomplished especially in the south through what is known as the pig clubs. The idea has been to stimulate an interest in better swine industry in sections where this has not been practiced at all and the result has been most flattering. The following is a quotation from the Department of Agriculture on this subject. It gives a good idea of the remarkable progress that is made and of the wonderful benefits that have been developed. One of the most encouraging features is the fact that this work is just in its infancy.

"The bankers in many states are realizing the value of pig club work as a means of materially improving rural conditions, according to club agents of the United States Department of Agriculture. Not a few of the bankers have made it possible for worthy club members to secure pigs on their personal notes. In this way a well bred pig is secured and the member can pay for it from the proceeds of the pig as a meat animal or from the sale of offspring in the case of a breeding animal. The member enters into a business agreement (with the parents' consent) with the banker and is in this way relieved of the stigma of charity which is the result when a pig is given outright. This arrangement is a practical means of teaching business methods to the rural young people. It is also a character building process, for it is but natural for a boy when treated as a man, to act in a manly manner.

"This apparent generosity on the part of the bankers is in many cases business acumen. A case in point is that of a Texas bank. The president of the bank placed 326 pigs among the pig club members of his county. As a result of the acquaintance made in securing and placing these pigs, many new patrons were secured. These patrons brought in over $75,000 in individual deposits. Needless to say, this was profitable business for the bank, but it is also a means that will increase with time in its beneficial influence. One of the Texas papers states that the banker 'has laid the foundation for a prosperity which will be lasting. The boys that he has helped to get started in the hog business are now on their feet financially and before many years they will be making big shipments of hogs to market each year. The money received from the sale of hogs will be expended in further developing the county. Every merchant in the county will profit. the banks will get more deposits, and the farmers will have more money with which to further develope their farms.'"

The Holstein-Friesian World is by no means a swine organ. It is not our purpose to devote space to the development of the pork industry, although we believe that it fits in remarkably well with the Holstein-Friesian breeding operations. Indeed that is one of the reasons why the Holstein-Friesian cow is such a wonderful factor in the development of practical agriculture everywhere.

We do believe, however, that there is a wonderful field open here for the development of the south or any other section. There is a splendid oppor-

Ormsby Jane King

Is the Only Son of Ormsby Jane Segis Aaggie 150943

The Greatest Heifer Ever Tested—the Champion of the World Over All Breeds and All Ages

Her Records Are as Follows:

	Butter, pounds	Milk, pounds		Butter, pounds	Milk, pounds
1 day	7.39*	114.40	60 days	360.31	6,231.70
7 days	44.42	721.50	90 days	509.98	9,201.50
30 days	183.16	3,241.00	100 days	566.98	10,153.00

*A 51.73-lb. gait. All world's butter records.

All of these are world's butter records by a wide margin. The one being made for 100 days exceeds the best butter record by a full aged cow by 101.82 lbs.

Ormsby Jane King has been purchased of Oliver Cabana Jr., Buffalo, N. Y., by the **Kellogg, Abbott, Mace, Ellis, Beard Co.** We offer his service for a limited number of approved cows after July 1st, at Cortland, N. Y. For terms, address either

G. A. ABBOTT, W. H. MACE, or C. W. ELLIS, Jr. all of Cortland, N. Y.

A Few Reasons Why You Should Have a Son of ADMIRAL WALKER PRILLY at the Head of Your Herd

First of all, he is a faultless individual, weighs 2200 pounds, just in breeding condition; has extreme length, good depth, and a perfect top line, and transmits these qualities to all his offspring.

Second, his daughters, all two and three-year-olds, are making good. His first five A. R. O. daughters have made a larger average than any bull's daughters that ever lived for their age. The five averaged nearly 20 pounds in seven days and three of them made over 80 pounds for 30 days, at an average of two years, 25 days.

Third, his dam, Lottie Walker Spofford, A. R. O. 32.50 at just 4 years 6 months, was at the time record was made the highest record cow of her age. She is now, with one exception, the only cow with four records above 30 pounds, the only cow with five records above 29.40, and the only cow with six records above 25.55, the latter as a junior three-year-old. She was recently sold, at 10 years old, with two others, one 10 years old, the other five years old, for $10,000.

Fourth, his sire, Artis De Kol Walker, son of Beauty Pietertje, A. R. O. 30.50, she dam of Lillian Walker Pietertje, 30.01, and she dam of Ruby Walker Pietertje, 30.21, making one of the only four series of three generations of 30-lb. cows.

Fifth, although he is but five years old, his sons are at the head of many good herds in 13 different states.

On his daughters we are using King Walker Pietertje Segis, one of the richest bred young bulls of the breed, whose 13 nearest dams average 30.07 butter in seven days, combining the blood of such sires as King of the Black and Whites, King Segis, King Colantha Clothilde, Admiral Walker, Colantha Johanna Lad, Beauty Pietertje Butter King, Admiral Walker Pietertje, Clothilde Goudgeld Hugo and Sarcastic Lad.

Such breeding is bound to bring results.

J. P. Torrey, Mgr. The STEPHENSON FARM Kenosha, Wis.

BULL CALF, Born February 19, 1916

SIRE—**Maplecrest Pontiac Sir Korndyke 74674,** son of **Pontiac Aaggie Korndyke,** 12 30-lb. daughters. Dam of calf is **Premier Pontiac Clover,** at 3 years 499.5 lbs. milk and 18.59 lbs. butter, her dam 719.2 lbs. milk and 26.30 lbs. of butter. A good one at a low price. Write at once.

F. H. THOMPSON & SON, FAIRVIEW FARM, Holland Patent, N. Y.

Another World's Record

It has recently been reported among Holstein breeders that the Auctioneer's Long Distance Record is in danger of being set at a new mark. Freshening for his twentieth year of active service in Holstein sales, the record is now being challenged by

R. V. KELLEY, Syracuse, N. Y.

COL. D. L. PERRY

THE HOLSTEIN AUCTIONEER

I also sell satisfaction

COLUMBUS, OHIO

WHEN IN NEED OF AN AUCTIONEER

Let White Do It

Long experience with Holsteins and thorough training in Jones' Auctioneering School, Chicago.
Dates made anywhere.

ROY WHITE

Woodstock Illinois

A Successful Holstein Sale Requires the

RIGHT AUCTIONEER

Satisfied patrons all over the country testify to the quality of my work.
For dates and terms address

COL. CAREY M. JONES

14 No. Sacramento Blvd., Chicago, Illinois

YOUR HOLSTEIN SALE NEEDS

Mack

Always on the job—for RESULTS

In the box or in the ring
For dates address

COL. J. E. MACK

Ft. Atkinson Wisconsin

AUCTIONEER

HOLSTEIN CATTLE A SPECIALTY

Satisfied Customers my best advertising. Please write for dates.

COL. GEORGE W. BAXTER

Troy Bradford Co., Pa.

EMPLOY

Auctioneer Krause

The Live Wire Holstein Auctioneer

Up-to-date on pedigrees. Best reference. Terms reasonable.

Write or Wire for Dates

COL. W. H. KRAUSE, Thorpe, Wis.

Auctioneer

A lifetime's experience with Holsteins and selling sales all over the United States and Canada. "That's Us." Perhaps we can make you a Dollar.

R. E. HAEGER

Algonquin Illinois

tunity for establishing a more stable and permanent form of agriculture through the introduction of better breeding stock. Naturally the results will not be quite as quick as they are with the pig clubs but the permanency of the dairy industry makes it worth far more to bankers and farmers alike and it will do more to establish better rural conditions. The modern farm home is almost invariably preceded by the dairy cow. The milk check pays for the automobile on many of the farms and what is of more importance than any of these better citizenship and better rural conditions follow the introduction of better dairy cattle in any community. When we speak of dairying naturally we imply the Holstein cow for we recognize that she is oueen of the dairy world. Why not consider at least the advisability of Holstein calf clubs and why should not the banker, the county agent, and those who are promoting better rural conditions, generally, consider the wonderful potency of this factor in accomplishing their results?

DAIRYING DID IT WITH THE HELP OF HOLSTEINS.

The Dakota farmer is abandoning his wheat fields and giving more attention to the dairy cow. The popular conception of Dakota as one broad field of wheat is being dispelled for dairy barns and silos are springing up rapidly.

"Four years ago," says a North Dakota farmer, "central North Dakota was broke. The farmers had been raising wheat and a series of bad crops had brought them to a point where they had reached their limit of credit. The banks at large centers declined to honor paper from the interior banks longer. Finally they sent to Washington and secured an expert, Thomas Cooper, who came out and induced several counties to employ farm agents and started a better farming movement. He advised dairying and the banks offered to lend money on dairy cows. All through that section farmers bought cattle and the dairy industry became important. Land that in 1912 was worth about $12.50 per acre now sells at from $30 to $40. Farmers are raising corn and building silos. One man near Mercer has recently built a home and barns worth $18,000 on his farm, all made through dairying and diversified farming.

"Thus farmers, broke four years ago by following one crop, which had turned out badly, now by buying a few cows have regained their credit and are making money, and the whole country is in much better condition." —Butter, Cheese and Egg ournal.

THEY LIKE OUR CUTS

I am enclosing a photo of my heifer and shall be glad to have you have a cut made of her. Several of our papers have made half tones of this cow but I think it is better for you to make the one you expect to use as I notice your pictures are always so much better than the others.—Herbert W. Jones, Ore.

Hamilton Breeders

BULL CALVES

FOR QUICK SALE—A few choice young bull calves from a grandson of Hengerveld De Kol and from tested dams. Prices $50 to $75.

Chenango Farms, Hamilton, New York

Sunny Slope Herd Offers

Bull calf, born February 1, 1916. Dam is a 26.67-lb. daughter of Artis De Kol Walker 35605. Sire is a 31-lb. bull. Write for pedigree and price.

J. C. MORRIS : : HAMILTON, N. Y.

FOR SALE

Three granddaughters of Colantha Johanna Lad. Bred to a son of Pontiac Korndyke. $225 each. Also nine of his sons, $50 to $125.

BARSTOW & SON Randolph, Wis.

SPRINGVALE STOCK FARM

Home of the Johannas

We have some very choice bull calves for sale sired by Sir Pietertje Ormsby Mercedes 38th, who is out of a 34.59-lb. three-year-old, and these calves are out of daughters of Colantha Johanna Champion.

W. J. GILLETT & SON, Rosendale, Wis.

A SON OF

Colantha Peerless Lad

out of a 20-pound dam at a bargain if taken within 30 days. A fine young bull, well marked and splendidly developed.

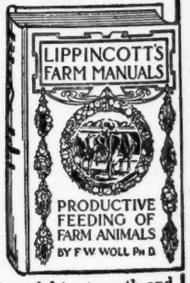
Bremer and Black Hawk Farm
W. B. Loveland, Janesville, Iowa

Elmwood Offers

Twelve Heifer Calves, age from 2 weeks to 6 months; 12 yearling heifers, age from 10 to 15 months, not bred. Seventeen are sired by Elmwood Beets Korndyke, a 25-lb. bull who has 8 A. R. O. daughters. All or any part of them at a low price.

GEO. T. McNEIL, Theresa, N. Y.

FEEDING



Wins Health, Wealth and Productivity. You can gain the best returns by learning the most modern and practical methods of using the main feeds and of turning your by-products into solid profit. Professor Woll in PRODUCTIVE FEEDING OF FARM ANIMALS has sifted and made practical the results obtained from the experiments carried on in all parts of the world. There can be but one result,—health, weight, strength and productivity for the animals, money in the bank for you.

362 pages. 96 illustrations. Octavo. Handsome cloth. $1.50 net. Postage or express charges extra.

HOLSTEIN-FRIESIAN WORLD
Waterloo, Iowa

Outstanding Merit Marks the Service Bulls of Our Herd

This merit is to be found both in our herd sires themselves and in their get. You can't go wrong on this tip.

First: There is Prilly Segis, our senior herd sire, a son of the great King Segis and out of Prilly Princess Julia De Kol. King Segis with nine 30-lb. daughters and 17 30-lb. granddaughters, stands fifth in the list of 30-lb. sires. The dam is a 30.44-lb. four-year-old. Her sire also has a 32-lb. daughter and her dam has two 30-lb. and one 29-lb. daughter.

Second: There is Ormsby Korndyke Lad whose two nearest dams average over 35 lbs. His sire is King Korndyke Hengerveld Ormsby, whose daughters are doing wonderful work and who unites strongly the blood of Hengerveld De Kol and Pontiac Korndyke This bull's dam is Polly Posch with 34.61 lbs. at six years and who gave over 700 lbs. of milk in seven days and over 2,876 lbs. in a month.

Third: There is King of the Alcartras. This youngster is the one we purchased from John Arfmann for $6,000. He is sired by King Segis Pontiac Alcartra—that needs no further comment. His dam, Fairmont Pontiac Calamity, made 35.37 lbs. in 7 days and 142.67 lbs. in 30 days. John Arfmann says she is one of his best 40-lb. prospects.

GET IN LINE FOR SOME OF THIS BLOOD.

BEAVER DAM STOCK FARM

JULIUS SCHMID, Prop. **Montgomery, Orange County, N. Y.**

30-lb. Bulls

No. 151, calved March, 1916.
Sire: Korndyke Segis Johanna 127132, by Johanna McKinley Segis, the 40-lb. son of King Segis, and out of Pontiac Korndyke's best daughter, Pontiac Lady Korndyke, 38.03 lbs.
Dam: A 31-lb. three-year-old by a 29 lb. (3 yr.) grandson of Hengerveld De Kol.
2d Dam: A 23-lb. three-year-old by King Pontiac Champion, a 31-lb. son of King of the Pontiacs.
3d Dam: 33.86-lb. daughter of De Kol 2d's Butter Boy 3d.

No. 156, calved April, 1916.
Sire: King Pontiac Champion 53418.
Dam: 31.51 lbs. butter; by Sir Hengerveld Model Johanna 40338 by Hengerveld De Kol.
2d Dam: A 24.44-lb. cow and dam of 29-lb. three-year-old.

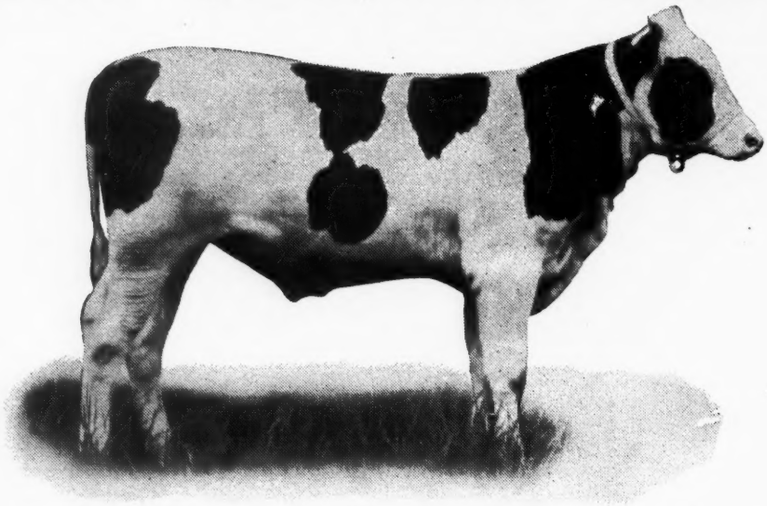
No. 152, calved April, 1916.
Sire: King Pontiac Champion 53418.
Dam: A 30.38-lb. cow by Hengerveld Model Johanna 40338, by Hengerveld De Kol.
2d Dam: 29.68 lbs. butter.

Over 40 young bulls for sale—all out of A. R. O. cows official and semi-official tests. Write your wants. Prices $100 and up.

PABST STOCK FARM

Oconomowoc Waukesha County Wisconsin
Department W.

The $20,000 Bull



King Champion Rag Apple

179305

This is the wonderfully bred young sire that "topped" the great Detroit Sale, and who now is

at the Head of Walnutcrest Herd

He is Sired by Rag Apple Korndyke 8th

"The Greatest Bull in the World"

The only bull in the world to have a seven-months-old son sell for $20,000.
The only bull in the world with a 30-lb. junior two-year-old daughter.
His dam, **Lady Pontiac Johanna** (41.81), the

World's Champion 3-year-Old

OFFERED FOR LIMITED SERVICE

He's only a youngster, so only a few approved cows will be accepted this season. If you want some of your best stuff bred to him, write me today—before it is too late.

A. W. GREEN

Post Office
Middlefield, Ohio

Railroad Station
East Orwell, Ohio